



National Aeronautics and
Space Administration

Lyndon B. Johnson Space Center
Houston, Texas 77058

DMS-DR-2547
NASA-CR-167,696

VOLUME 1 OF 2

RESULTS OF THE SPACE SHUTTLE VEHICLE ASCENT AIR
DATA SYSTEM PROBE CALIBRATION TEST USING A 0.07-
SCALE EXTERNAL TANK FOREBODY MODEL (68T) IN THE
AEDC 16-FOOT TRANSONIC WIND TUNNEL (IA-310)

SPACE SHUTTLE AEROTHERMODYNAMIC DATA REPORT

(NASA-CR-167696) RESULTS OF THE SPACE
SHUTTLE VEHICLE ASCENT AIR DATA SYSTEM PROBE
CALIBRATION TEST USING A 0.07-SCALE EXTERNAL
TANK FOREBODY MODEL (68T) IN THE AEDC
16-FOOT TRANSONIC WIND TUNNEL (IA-310)

N92-17167

includes

13/16 070264

Data Management SERVICES

MICHOUD ENGINEERING OFFICE



CHRYSLER
TECHNOLOGIES
AIRBORNE SYSTEMS

November 1991

DMS-DR-2547
NASA-CR-167,696

VOLUME 1 OF 2

RESULTS OF THE SPACE SHUTTLE VEHICLE
ASCENT AIR DATA SYSTEM PROBE CALIBRATION TEST
USING A 0.07-SCALE EXTERNAL TANK FOREBODY MODEL (68T)
IN THE AEDC 16-FOOT TRANSONIC WIND TUNNEL
(IA-310)

by

J.G.R. COLLETTE
ROCKWELL INTERNATIONAL
SPACE TRANSPORTATION SYSTEMS DIVISION

Prepared under NASA Contract Number NAS9-17840

by

DATA MANAGEMENT SERVICES
CHRYSLER TECHNOLOGIES AIRBORNE SYSTEMS
MICHOD ENGINEERING OFFICE
NEW ORLEANS, LOUISIANA 70189

for

NAVIGATION, CONTROL & AERONAUTICS DIVISION

JOHNSON SPACE CENTER
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
HOUSTON, TEXAS

WIND TUNNEL TEST SPECIFICS:

TEST NUMBER:	TF-783
NASA SERIES NUMBER:	IA-310
MODEL NUMBER:	68-T
TEST DATES:	Sept. 28, 1989 thru October 1, 1989
OCCUPANCY HOURS:	64 (44 Air-On Hours)

FACILITY COORDINATOR:

Earl A. Price, Jr. - MS 600
Arnold Engineering Development Center
Propulsion Wind Tunnel Facility
Arnold Air Force Station, TN 37389

Telephone: (615) 454-6675

PROJECT ENGINEERS:

D. E. Reichenau - MS 600

J.G.R. Collette - AE21
C.L. Berthold - AE21
A.A. Reinberger - AE21

AEDC
Propulsion WT Facility
Arnold AF Station, TN 37389

Rockwell International
STSD Division
12214 Lakewood Blvd.
Downey, CA 90241

Phone: (615) 454-6672

Phone: (213) 922-5352

DATA MANAGEMENT SERVICES:

Approved: J. L. Glynn
J. L. Glynn, Manager
Data Management Services

Concurrence: D. E. Poucher
D.E. Poucher, Mgr.
CTAS Michoud Engrg. Office

**RESULTS OF THE SPACE SHUTTLE VEHICLE
ASCENT AIR DATA SYSTEM PROBE CALIBRATION TEST
USING A 0.07-SCALE SCALE EXTERNAL TANK FOREBODY MODEL (68T)
IN THE AEDC 16-FOOT TRANSONIC WIND TUNNEL
(IA-310)**

by

**J.G.R. COLLETTE
ROCKWELL INTERNATIONAL
SPACE TRANSPORTATION SYSTEMS DIVISION**

ABSTRACT

A recalibration of the Space Shuttle Vehicle Ascent Air Data System probe was conducted in the AEDC transonic wind tunnel. The purpose was to improve on the accuracy of the previous calibration in order to reduce the existing uncertainties in the system.

A probe tip attached to a 0.07-scale External Tank Forebody model was tested at angles of attack of -8 to +4 degrees and sideslip angles of -4 to +4 degrees. High precision instrumentation was used to acquire pressure data at discrete Mach numbers ranging from 0.6 to 1.55. Pressure coefficient uncertainties were estimated at less than 0.0020.

(This page intentionally left blank)

TABLE OF CONTENTS

	<u>PAGE</u>
ABSTRACT	iii
INDEX OF MODEL FIGURES	2
INDEX OF DATA FIGURES	3
INTRODUCTION	4
NOMENCLATURE	5
CONFIGURATIONS INVESTIGATED	8
INSTRUMENTATION	9
TEST FACILITY DESCRIPTION	12
TEST PROCEDURES	13
DATA REDUCTION	16
REMARKS	18
REFERENCES	21
TABLES	
I TEST CONDITIONS	22
II DATASET/RUN NUMBER COLLATION SUMMARY	23
III PROBE DIMENSIONAL DATA	36
IV PRESSURE TAP LOCATIONS	37
V ESP ORIFICE ASSIGNMENTS	38
FIGURES	
MODEL	39
DATA (VOLUME 1)	51
APPENDIX	
TABULATED SOURCE DATA - Volume 1 R&S Datasets	
Pages 1 thru 420	
- Volume 2 T,U, & V Datasets	
Pages 421 thru 1050	

INDEX OF MODEL FIGURES

<u>FIGURE</u>	<u>TITLE</u>	<u>PAGE</u>
1a.	MODEL PROFILE LINES	39
b.	MODEL FRONT VIEW	40
c.	AADS PROBE AND CONE	41
d.	AADS PROBE AND CONE (PHOTO)	42
2.	MODEL INSTALLATION	43
3.	PRESSURE INSTRUMENTATION LOCATION	44
4.	PRESSURE INSTRUMENTATION SYSTEM SCHEMATIC	45
5.	INSTRUMENTATION ARRANGEMENT - #1 CONTAINER	46
6.	INSTRUMENTATION ARRANGEMENT - #2 CONTAINER	47
7.	SHOCK WAVE SHADOWGRAPH (MACH 1.475)	48
8a.	MEASUREMENT UNCERTAINTIES - PROBE PRESSURE COEFFICIENTS	49
b.	MEASUREMENT UNCERTAINTIES - TOTAL PRESSURE COEFFICIENTS	50

INDEX OF DATA FIGURES

	TITLE	SCHEDULE	PAGE
FIG. 1	AADS PROBE CALIBRATION - TEST SERIES 4	A	1-132
FIG. 2	AADS PROBE CALIBRATION - TEST SERIES 4 - MACH EFFECTS	B	133-168

PLOTTED COEFFICIENT SCHEDULES:

SCHEDULE A

CPU vs ALPHA
 CPB vs ALPHA
 CPL vs ALPHA
 CPR vs ALPHA
 CPM vs ALPHA
 CPTD vs ALPHA
 CPAQ vs ALPHA
 CPALPH vs ALPHA
 DPACAL vs ALPHA
 CPBQ vs ALPHA
 CPBETA vs ALPHA
 DPBCAL vs ALPHA

SCHEDULE B

CPU vs MACH
 CPB vs MACH
 CPL vs MACH
 CPR vs MACH
 CPM vs MACH
 CPTD vs ALPHA
 CPAQ vs MACH
 CPALPH vs MACH
 DPACAL vs MACH
 CPBQ vs MACH
 CPBETA vs MACH
 DPBCAL vs MACH

INTRODUCTION

The present uncertainties in certain post-flight aerodynamic analyses are due largely to uncertainties in angles of attack and sideslip information obtained from the Ascent Air Data System during flight. Of the elements used to compute these uncertainties, the largest contributor is the probe data from an earlier wind tunnel test (IA-132). The objective of the present test was to obtain a more accurate calibration of the AADS probe in order to reduce the existing uncertainties in the system.

A nose probe attached to a 0.07-scale External Tank Forebody model was tested at angles of attack of -8 to +4 degrees and sideslip angles of -4 to +4 degrees. Following the acquisition of data to determine the tunnel flow angularities and installation misalignment/asymmetries, probe calibration data was obtained at eleven discrete Mach numbers from 0.6 to 1.55 with a constant Reynolds Number of 2.5 million per foot.

The focus on accuracy which prevailed during both the preparation and the conduct of the test resulted in high quality data which showed remarkable repeatability. Current analyses show differential pressure coefficient uncertainties below 0.0015 and pointing accuracies translating into α/β deviations of less than 0.052 degree.

NOMENCLATURE

<u>Symbol</u>	<u>Mnemonic</u>	<u>Description</u>
$C_{P_{\alpha}}$	CPALPH	Probe pitch differential pressure coefficient normalized to P_{TT}
$C_{P_{\alpha Q}}$	CPAQ	Probe pitch differential pressure coefficient normalized to Q
$C_{P_{\beta}}$	CPBETA	Probe yaw differential pressure coefficient normalized to P_{TT}
$C_{P_{\beta Q}}$	CPBQ	Probe yaw differential pressure coefficient normalized to Q
C_{P_M}	CPM	Mach parameter pressure coefficient normalized to P_{TT}
$C_{P_{TT}}$	CPTD	Coefficient of total pressure drop across the shock, normalized to P_{TT}
C_p	CPX	Gauge/absolute pressure coefficient
DPA1	DPA1	Redundant probe differential pressure in pitch, psid
DPA2	DPA2	Redundant probe differential pressure in pitch, psid
DPA	DPA	Probe differential pressure in pitch (average of DPA1 and DPA2), psid
ΔP_{α}	DPACAL	Probe pitch differential pressure calculated from absolute measurements, psia
DPB1	DPB1	Redundant probe differential pressure in yaw, psid
DPB2	DPB2	Redundant probe differential pressure in yaw, psid
DPB	DPB	Probe differential pressure in yaw (average of DPB1 and DPB2), psid
ΔP_{β}	DPBCAL	Probe yaw differential pressure calculated from absolute measurements, psia
F_x	FA	Axial force, lb

NOMENCLATURE

<u>Symbol</u>	<u>Mnemonic</u>	<u>Description</u>
F_y	FY	Side force, lb
F_n	FN	Normal force, lb
M	MACH	Mach number
MPROBE	MPROBE	Probe Mach number
M_x	MX	Rolling moment, in-lb
M_y	MY	Pitching moment, in-lb
M_z	MZ	Yawing moment, in-lb
P_{ATM}	PATM	Atmospheric reference pressure, psfa
P_U	PU	Probe upper port static pressure, psia
P_B	PB	Probe bottom port static pressure, psia
P_R	PR	Probe right port static pressure, psia
P_L	PL	Probe left port static pressure, psia
P_c	PC	Plenum chamber static pressure, psfa
PC_i	PC1,...	Cone surface static pressure, psia (i=1 to 12)
PO_i	PO1,...	Ogive surface static pressure, psia (i=1 to 4)
P_{REF}	PREF	Reference pressure
P_T	PT	Freestream total pressure, psfa
P_{TT}	PTTF	Probe total pressure, psfa
P_{TT2}	PT2F	Isentropic flow pressure behind normal shock, psfa
P_X	PX	Static gauge pressure measurement, psia

NOMENCLATURE

<u>Symbol</u>	<u>Mnemonic</u>	<u>Description</u>
P_{∞}	P	Freestream static pressure, psfa
ΔP_{α}	DPA	Probe differential pressure in pitch, psid
ΔP_{β}	DPB	Probe differential pressure in yaw, psid
q	Q(PSF)	Freestream dynamic pressure, psfa
Re	RN/L	Freestream Reynolds Number 1/ft
SH	SH	Freestream Specific Humidity, lb/lb
T	T	Static temperature, deg Rankine
TT	TT	Freestream stagnation temperature, deg F
X_T	XT	External Tank longitudinal station, in
α	ALPHA	Model angle of attack, degree
α_{FA}	AFA	Flow angle correction for angle of attack, degree
α_i, θ_i	ALPHI	Sting pitch angle, degree
β	BETA	Model sideslip angle, degree
ϕ_i	PHI	Sting roll angle, degree
ψ_{FA}	YFA	Flow angle correction for yaw angle, degree

CONFIGURATIONS INVESTIGATED

The model used for this test was a 0.07-scale simulation of the External Tank Forebody designated Model 68-T. The ET lines are duplicated from the nose to station $X_T = 819.63$ with the ogive section extending from the nose cone to $X_T = 760.35$. Between these two stations, the model is a plain cylinder. Aft of station 819.63, the cylindrical cross-section tapers slightly to $X_T = 1118.56$. A 26-inch tangent ogive fairing was added aft of station 1119.67 to minimize the turbulence at the aft end of the model. The model lines are shown in Figures 1a through 1d.

The GO_2 vent line and the electrical tray are simulated from the cable fairing at the cone/ogive interface to the cylindrical section at $X_T = 760.35$. These protuberances together with their support and the cable fairing are removable for testing "without fairing".

The AADS probe consists of a total pressure (pitot) port at the tip of the spike and four static pressure ports oriented 90 degrees apart, all located on the 30-degree conical surface of the spike.

A new probe tip with 0.007-inch nominal diameter static pressure ports was fabricated and affixed to the existing LA probe for this test; the pitot port was kept at 0.010 inch. The SCHMIEDE probe (0.010-inch ports) which had been used in the previous test was held as a back-up. Some key test probe measurements are shown in Table III. The position reference for the probe is the attach pin-hole located at the 180-degree radial.

The prime attitude reference for the model is the balance sleeve. Because this sleeve is not easily accessible when the model is assembled on the support sting/balance, provisions are made to mount four removable leveling plates at right angles to each other on the model to serve as external references for alignment purposes.

INSTRUMENTATION

The model angles of attack and sideslip were provided by a sector-mounted mechanism generating equivalent pitch/roll angle combinations which were appropriately corrected for structural deflections and misalignments.

A secondary source of attitude measurements was supplied by two Shaevitz high-accuracy inclinometers located at the forward end of the balance sleeve inside the model. One was placed in a zero-degree position for pitch angle measurements at zero roll angle, the other in a 90-degree position for yaw angles at $\alpha = 0$.

Force and moment data were obtained from the four-inch TASK six-component balance on which the model was mounted. The moment reference center was located 29.97 inches aft of the probe tip at $X_T = 755.375$. These data were used to compute the sting/model aero load deflections which were fed back to the support control system to adjust the sector angles.

The model was instrumented to measure a total of 25 pressures: one total (pitot) pressure, four differential and 20 static gauge pressures. The pressure measuring instruments were housed in temperature controlled containers located inside the model.

1. The pitot pressure port was connected to a high-precision SETRA transducer. A blocking valve was installed in the pressure line to the transducer, allowing the application of the reference pressure to both sides of the SETRA (see Figure 4), thus providing the capability for on-line re-zeroing of the SETRA and/or the monitoring of zero shifts.
2. Dual measurements of the "Bottom-minus-Upper" and "Right-minus-Left" differential pressures on the probe were effected by an Electronically Scanned Pressure module (ESP-16BP) containing differential transducers. The average of the respective dual measurements was used to calculate the relevant coefficients. In addition, each of the four probe ports was connected to an ESP-48 unit to measure the individual gauge pressures.

3. The 39-degree cone was instrumented with twelve surface pressure taps distributed around the cone in four rows of three taps aligned with the ports on the probe. Four additional pressure taps, in line with those on the cone, were located on the ogive surface. Each of these taps was connected to two gauge pressure transducers on the 48-port ESP unit. However, only one of the two pressure measurements was used in the data reduction. Both ESP modules were capped with 0.063-inch O.D. pressure tubes.

The location of the pressure taps is depicted in Figure 3 and their coordinates are tabulated in Table IV. The ESP orifice assignments which also identify the pressure and coefficient denominations in the final data package, are listed in Table V.

4. The reference pressure system incorporated a tracking controller to set the reference pressure relative to tunnel total or plenum pressure. At each Mach number, the reference pressure was adjusted to maintain the pitot 15-psid SETRA operating below 1/4 full-scale and the ESP's within ± 2.5 psid to take advantage of the higher accuracies obtainable in the lower pressure ranges. In addition, a blocking valve, downstream of the tracking controller, was used to keep the reference pressure constant during the data acquisition process. The reference itself was measured by a highly accurate SONIX pressure transducer with a redundant measurement provided by another SETRA unit.
5. A control "verification" pressure was applied to all unused ports on the ESP modules to keep those transducers from overranging.

As with the pointing system, the entire pressure measuring system was designed to maximize accuracy, including the special selection of the best instruments among the many that were calibrated prior to the test. A schematic of the pressure instrumentation system is shown in Figure 4.

To eliminate the effect of temperature changes on the sensitivity of the pressure measuring instruments, particularly the ESP's, two remote controllers were employed to maintain the temperature in the instrumentation containers at constant values. The smaller container (#1) was held at 110 degrees F and #2 container at 100 degrees F throughout the test while the model internal temperature ranged from 84 to 93 degrees F.

One set of two thermocouples was installed in each container, next to the ESP modules. One iron-constantan instrument was used as a feedback to the remote heater controller unit, the other (copper-constantan) to monitor and record the module temperature. One additional thermocouple was installed in the model cavity to monitor and record its internal temperature.

Shadowgraph video and still photographs showing the flow patterns near the spike were taken at test conditions \geq Mach 1.40. These showed the bow shock attaching to the probe near Mach 1.48. A shadowgraph picture taken at Mach 1.475 is shown in Figure 7.

TEST FACILITY DESCRIPTION

The AEDC 16-foot Transonic wind tunnel is a variable density, continuous flow tunnel capable of being operated at Mach numbers from 0.6 to 1.6 and stagnation pressures of 120 to 4,000 psfa. The maximum attainable Mach number can vary slightly depending on the tunnel pressure ratio requirements for a particular installation and on ambient atmospheric conditions. The maximum stagnation pressure attainable for a given Mach number is a function of the electrical power available. The tunnel stagnation temperature can be varied from approximately 60 to 160 degrees Fahrenheit.

The 16 feet square by 40 feet long test section is enclosed by 60-degree inclined-hole perforated walls of six percent porosity to effect a measure of boundary layer control.

The tunnel employs SONIX transducers to effect dual measurements of the total pressure and of the plenum chamber static pressure. Atmospheric pressure is measured by a RUSKA transducer.

TEST PROCEDURES

Installation

The model was mounted on a balance attached to a 7-inch diameter sting in the High-Angle Automated Sting (HAAS) Cart. The rather large sting was selected to provide high support system rigidity to minimize model oscillations. The probe tip was located near the center of rotation of the sector, reducing the total linear displacement to approximately six inches from the tunnel centerline at maximum deflection. A sketch of the installation is shown in Figure 2.

The 48-port ESP unit was placed in the #1 instrumentation container and the ESP-16BP module was positioned in the #2 container together with the pitot pressure measuring SETRA transducer and its control valve (see Figures 5 and 6). The original soft isolation mounts were removed from the container frames and the ESP units were placed on thin plastic foam pads attached to support brackets which were hard-mounted to the inner frames.

Calibrations and Pretest Checks

1. Prior to installation

The output of the balance gauges were calibrated in the lab by AEDC.

A number of pressure transducers were calibrated using high precision equipment referable to an NBS standard. The most accurate instruments were selected for installation in the model and the plenum chamber.

2. In-Cart

The individual pressure lines were leak-checked and the thermocouples were tested for continuity and response.

The relative alignment of the external leveling plates was checked against the outer balance sleeve using a digital inclinometer (DINC). The angles measured were within the 0.05 degree accuracy requirement.

The Shaevitz instruments installed in the model were calibrated using the sector angles as reference. Also, the sector angles were checked against the top and RHS leveling plates.

A balance load test was performed and the sting/model structural deflections under load were calibrated to obtain the balance constants.

The instrumentation was connected to a computer and a tunnel emulation test was carried out to check all instrumentation throughputs, the data reduction program, and the data printouts.

3. In-Tunnel

Check-loading of the balance through the data acquisition system was performed and the sting/model deflections checked out.

A leak check and a qualitative "end-to-end" checkout of the pressure transducers through the data system system were carried out.

The sector angles and the Shaevitz outputs were verified.

Test Conditions

The test was conducted at Mach numbers ranging from 0.6 to 1.55 at total pressures of 1198 to 2040 psfa. The stagnation temperature was held constant at 100 degrees F throughout. The test conditions are listed in Table I.

Test Procedure

Two model configurations "without fairing" and "with fairing" were tested. All protuberances were removed and recesses filled in to test "without fairing".

Pressure data were acquired in five distinct test series, each of which is described by its specific purpose:

TEST SERIES

1. Flow Angularity and Model Asymmetry
2. Port Misorientation Effects
3. Fairing-off Data Base
4. Probe Calibration
5. Repeat Runs

A secondary purpose of Test Series 1 was to evaluate a possible requirement for additional test Mach numbers.

The model was configured "without fairing" for the first three series. The test parameters are shown in the Run Schedule (Table II). A grid map of the angles tested in each series is appended to the Run Schedule in the same table.

Before acquiring any data, a "dust blow" run was made to determine the amount of particle contamination in the airstream. No "hits" were registered on the contamination disk during the half-hour run at Mach 0.6.

The pitch-pause mode of operation was used with sufficient time allowed between data points (~ 10 seconds) for the model pressures to stabilize. Yaw angles were obtained from model pitch-roll angle combinations. The required pitch and roll angles were iterated to include the sting-balance angular deflection corrections in order to produce settings equivalent to the nominal angles of attack and sideslip angles within a tolerance of ± 0.05 degrees. After the desired condition and attitude were achieved, all tolerances were checked and data acquired. If the checks signaled an out-of-tolerance condition, the model instrumentation was recalibrated/rezeroed on-line before proceeding.

All negative angles of attack were produced by inverting the model and pitching the nose up above the centerline of the tunnel, in effect keeping the probe in the same section of the tunnel throughout the test.

DATA REDUCTION

Standard AEDC methods and equations were used to compute all tunnel conditions.

All local static pressures were reduced to the standard coefficient form:

$$C_{P_x} = \frac{P_x * 144 + P_{REF} - P_{\infty}}{q}$$

The probe pressure differentials were reduced as follows:

$$C_{P_{\alpha}} = \frac{\Delta P_{\alpha}}{P_{TT}}$$

$$C_{P_{\alpha q}} = \frac{\Delta P_{\alpha}}{q}$$

$$C_{P_{\beta}} = \frac{\Delta P_{\beta}}{P_{TT}}$$

$$C_{P_{\beta q}} = \frac{\Delta P_{\beta}}{q}$$

$$\text{where } \Delta P_{\alpha} = P_{\beta} - P_U$$

$$\text{and } \Delta P_{\beta} = P_R - P_L$$

These values were calculated for the gauge pressure differences as well as for the differential transducer outputs. Similar pressure difference coefficients were generated for the cone and ogive pressures.

The following ratios were also calculated.

$$C_{P_M} = \frac{P_{TT}}{P_{\infty}}$$

$$C_{P_T} = \frac{P_{TT} - P_{T2}}{P_{TT}}$$

$$\text{where } P_{T2} = \left(\frac{6M^2}{M^2 + 5} \right)^{3.5} \left(\frac{6}{7M^2 - 1} \right)^{2.5} * P_T$$

Uncertainties

Combinations of systematic and random errors in the basic wind tunnel parameters were estimated from the calibration and from the repeatability of the measurements during tunnel calibrations by the facility. Uncertainties of the instrumentation systems were estimated from repeat calibrations against secondary standards traceable to National Institute of Standards & Technology equipment.

The wind tunnel parameter uncertainties were first calculated through perturbation of the independent variables P_T and P_C , including error estimates related to the Mach number calibrations. The results were then combined with the uncertainties in the instrumentation systems, using the Taylor series method of error propagation to determine the uncertainties of the pressure coefficients and pressure ratios.

The uncertainties for the coefficients shown in Figure 8 were obtained for the maximum/minimum value of the respective coefficients at each Mach number during the probe calibration phase of the test (Test Series 4).

REMARKS

1. Initially, the following operating tolerances were set for the instrumentation:

Mach Number	± 0.003
P_T (Sonix)	± 3 psf
ESPs	0.3 - 0.5 psf
P_{TT} (Setra)	0.08 psf

Early in the test it became obvious that the last two tolerances were much too tight. The ESPs were therefore relaxed to 0.3 - 0.8 psf and the pitot measurement SETRA to 0.12 psf. P_T and Mach number were generally held well within their tolerance levels.

2. The Schaevitz instruments performed their function very well in the pretest phase and early in the test. However, their performance soon deteriorated and no action was taken to repair or replace these back-up instruments. The data values of ALPSH and BETASH should be disregarded.
3. During the first Test Series, the rated axial load on the balance was exceeded at Mach 1.1 ($q = 705$ psf), and the Reynolds Number was lowered to $3.0 \text{ E}06/\text{ft}$. The axial force component due to the model weight caused the balance limit to be exceeded again at $\alpha = +4$ degrees at Mach 1.25. Therefore, α was limited to -8 to $+4$ degrees for runs 1159, 1161-1163, after which the Reynolds Number was lowered to a constant $2.5 \text{ E}06/\text{ft}$ for the remainder of the test.
4. A comparison of the data from runs 1159-1163 ($Re = 3.0 \text{ E}06$) with runs 1165-1169 ($Re = 2.5 \text{ E}06$) at the same Mach number showed no discernible difference between the two sets. Another data comparison between Reynolds Number $3.9 \text{ E}06$ (runs 1118-1121) and $2.5 \text{ E}06$ (runs 1221-1224) yielded similar results. Therefore, the test runs planned for the evaluation of Reynolds number effect were eliminated.

5. Following Test Series 1, Mach numbers 1.475 and 1.525 were added to the nine baseline Mach numbers.
6. The asymmetry of the alpha/beta matrix in Test Series 4 is the result of a compromise from budgeted Air-On Hours (AOH) consideration. Since there was insufficient time to complete the original test matrix, the angles of attack -8.5, -7.5, +1.5, +2.5 degrees and sideslip angles ± 3.5 , and ± 4.5 degrees were eliminated. Further the one quarter degree grid was restricted to an alpha = -4 ± 1 degrees and beta = ± 1 degree envelope, and tested at Mach 1.25 only.

The net result was the elimination of some 1930 data points equivalent to more than 6-1/2 AOH. The consensus of opinion was that the resulting reduced matrix would still provide a sufficient number of data points to generate the required probe calibration functions within the stipulated accuracy.

7. For Test Series 2 through 5, the flow angularity corrections are included with other corrections in the terms Alpha (Sting + Deflection) and Beta (Sting + Deflection) referred to as ALPSPD and BETASPD, respectively, in the data tabulations. Model and sting asymmetries (misalignments) derived from Test Series 1 are added separately to those terms to yield the ALPSPDC and BETASPD values. Therefore, flow angularity cannot be removed directly from the ALPSPD and BETASPD terms. Asymmetries, however, can be subtracted from ALPSPDC and BETASPD. ALPSPDC and BETASPD are labeled ALPHA and BETA, respectively, in the plotted and tabulated data of this report.

8. A correction was applied to certain data to compensate for condensation in the tunnel free stream. The following corrections based on the specific humidity (SH), apply only to Mach number ≥ 1.475 and to the corresponding values of total pressure (P_T), and dynamic pressure (Q). The values of CPAQ, CPBQ, and P_{T2} have been modified to reflect the corrected wind tunnel parameters.

$$\frac{M_{corr}}{M_{ind}} = (3.02365 - 1436.80 * SH) - (2.6184 - 1867.65 * SH) * M_{ind} + (0.848 - 609.128 * SH) * M_{ind}^2$$

$$\frac{P_{T_{corr}}}{P_{T_{ind}}} = (4.90395 - 2820.58 * SH) - (5.0448 - 3670.70 * SH) * M_{ind} + (1.632 - 1199.16 * SH) * M_{ind}^2$$

$$Q_{corr} = 0.7 * P_{\infty} * M_{corr}^2$$

$$P_{T2_{corr}} = \left(\frac{6 * M_{corr}^2}{M_{corr}^2 + 5} \right)^{3.5} \left(\frac{6}{7 * M_{corr}^2 - 1} \right)^{2.5} * P_{T_{corr}}$$

REFERENCES

1. STS88-0955, "Pretest Information for the Space Shuttle Ascent Air Data System Calibration Test IA-310 in the AEDC 16-foot Transonic Wind Tunnel Model 68-T," by J.G.R. Collette, dated November 1988.
2. DMS-DR-2449, NASA-CR 160,497, "Results of Shuttle Transportation System Ascent Air Data System Calibration Test Using the 0.07-Scale External Oxygen Hydrogen Tank Forebody Model (68-T) in the AEDC 16-foot Transonic Wind Tunnel (IA132)," by R.R. Burrows and W.R. Carlson, dated January 1981.

TABLE I — TEST CONDITIONS

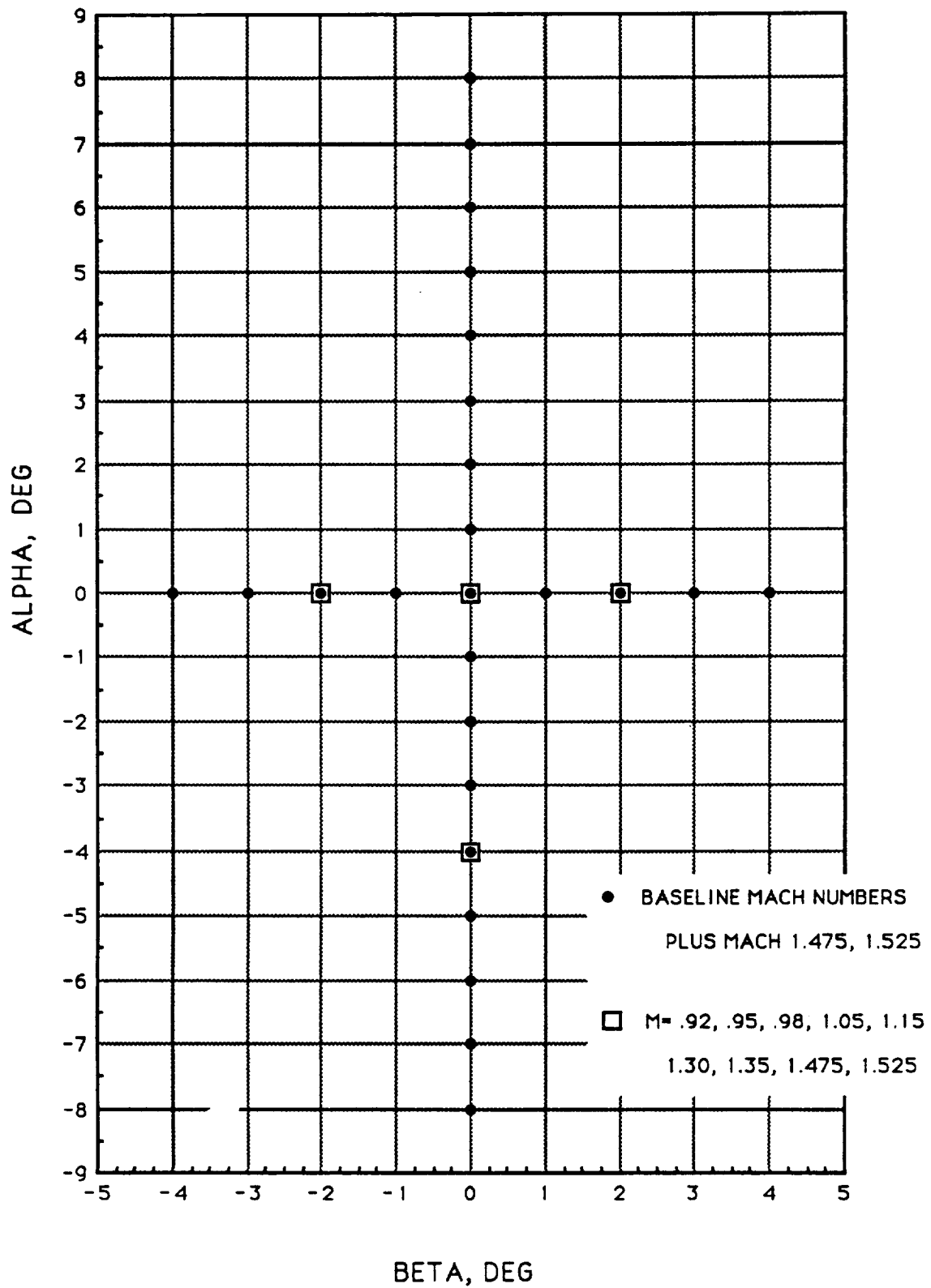
MACH NO.	TT (deg F)	PT (psfa)	P (psfa)	Q (psfa)	Re (E06/ft)
TEST SERIES 1					
0.60	100	2040	1599	404	3.2
0.80		2018	1323	593	3.7
0.90		1984	1172	665	3.9
0.92		1971	1140	676	↓
0.95		1948	1089	689	
0.98		1920	1038	698	↓
1.05		1842	917	708	3.8
1.10		1447	678	574	3.0
1.15		1440	633	586	↓
1.25		1438	555	607	↓
		1198	462	506	2.5
1.30		1202	434	513	↓
1.35		1207	407	519	
1.40		1216	382	524	
1.45		1226	359	528	
1.475		1232	348	530	
1.50		1239	338	532	
1.525		1246	327	533	
1.55		1254	318	534	
TEST SERIES 2-5					
0.60		1597	1252	316	2.5
0.80		1341	880	394	↓
0.90		1273	753	427	
1.10		1206	565	479	
1.25		1198	462	506	
1.40		1216	382	524	
1.45		1226	359	528	
1.475		1232	348	530	
1.50		1239	338	532	
1.525		1246	327	533	
1.55		1254	318	534	

TEST (IA310) RUN SCHEDULE

TEST SERIES 1

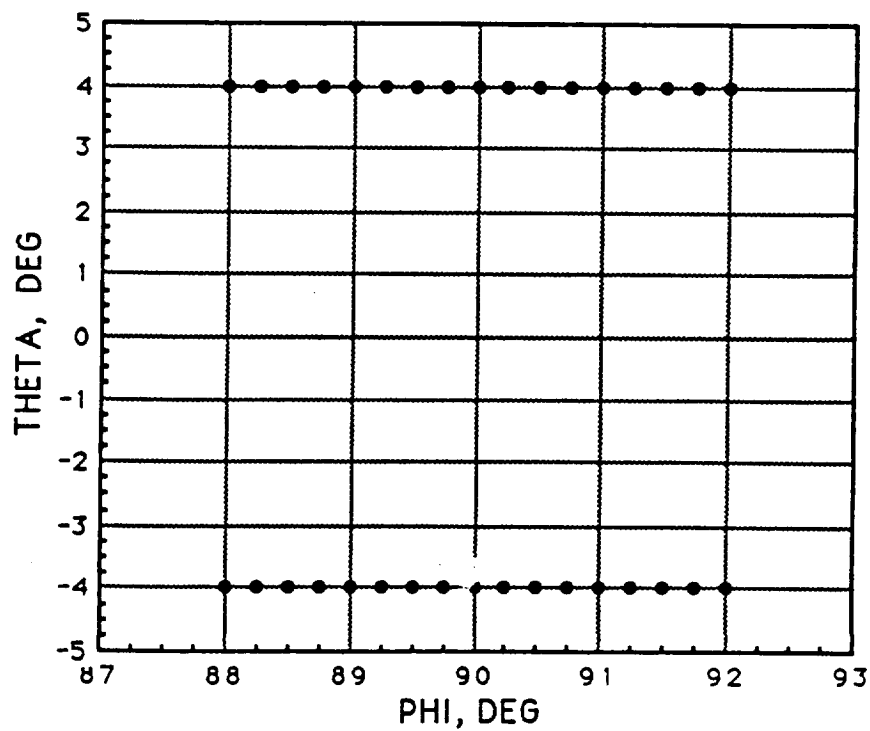
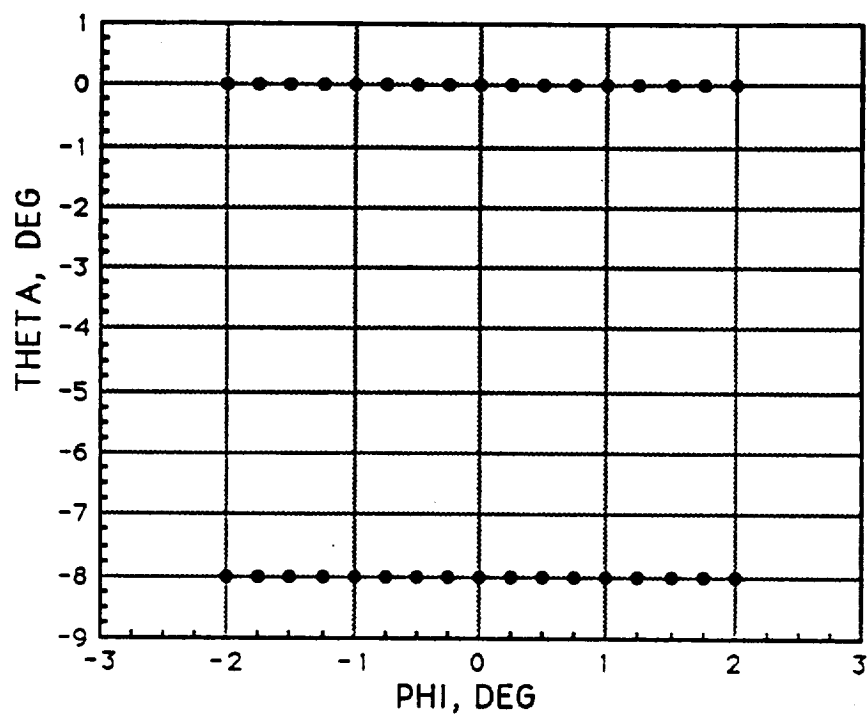
[illegible]

TEST SERIES 1



26

TEST SERIES 2



**TABLE II -- AADS PROBE CALIBRATION TEST (IA310) RUN SCHEDULE
TEST SERIES 3**

[illegible]

TEST SERIES 3

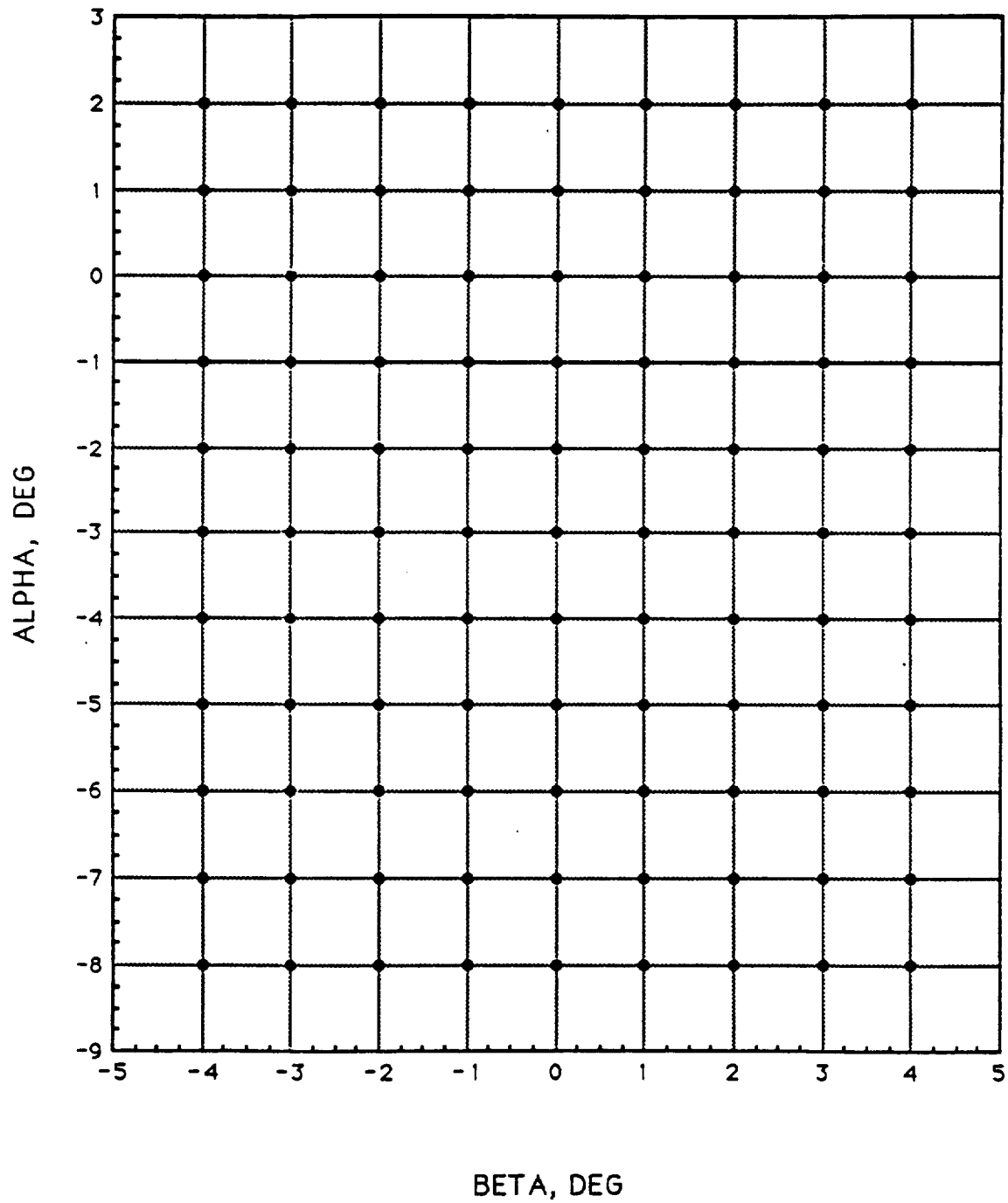


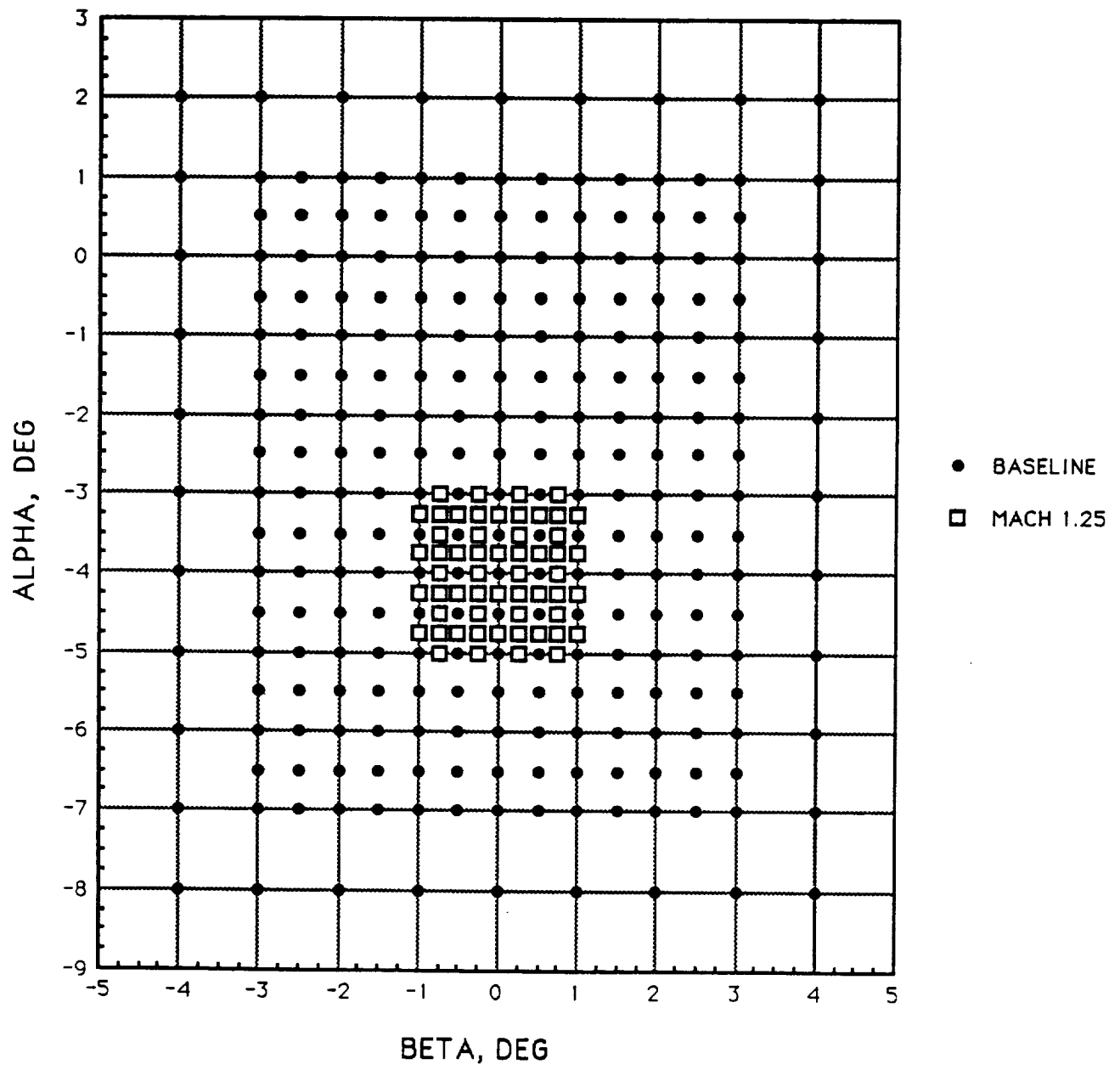
TABLE II - AADS PROBE CALIBRATION TEST (IA310) RUN SCHEDULE
TEST SERIES 4

TEST: IA310 (AEDC 16TF - 783)			DATA SET/RUNNUMBER COLLATION SUMMARY													DATE: SEPT. 1989			
DATA SET IDENTIFIER	CONFIGURATION	SCHD.		PARAMETERS				MACH NUMBERS											
		alpha	beta	PHI				0.60	0.80	0.90	1.10	1.25	1.40	1.45	1.475	1.50	1.525	1.55	
RCM041	PROBE CALIBRATION	C	-4					1670	1746	1659	1738	1722	1711	1704	1697	1667	1685	1678	
RCM042		A1	-4					1568	1458	1491	1475	1515	1531	1549	1633	1584	1600	1615	
RCM043		A	-3					1569	1459	1492	1476	1516	1532	1550	1634	1585	1601	1616	
RCM044		A	-2.5					1570	1460	1493	1477	1517	1533	1551	1635	1586	1602	1617	
RCM045		A	-2					1571	1461	1495	1478	1518	1534	1552	1636	1587	1603	1618	
RCM046		A	-1.5					1572	1462	1496	1479	1519	1535	1553	1637	1588	1604	1619	
RCM047		A	-1					1573	1463	1497	1480	1520	1536	1554	1638	1589	1605	1620	
RCM048		A	-0.5					1574	1464	1498	1483	1521	1537	1555	1639	1590	1606	1621	
RCM049		A	0					1575	1465	1499	1484	1522	1538	1556	1640	1591	1607	1622	
RCM050		A	0.5					1576	1466	1500	1485	1523	1539	1557	1642	1592	1608	1623	
RCM051		A	1					1577	1467	1501	1486	1524	1540	1558	1643	1593	1609	1624	
RCM052		A	1.5					1578	1468	1502	1509	1525	1541	1559	1644	1594	1610	1625	
RCM053		A	2					1579	1470	1503	1510	1526	1543	1560	1645	1595	1611	1626	
RCM054		A	2.5					1580	1471	1505	1511	1527	1544	1561	1646	1596	1612	1627	
RCM055		A	3					1581	1472	1506	1512	1528	1545	1562	1647	1597	1613	1628	
RCM056		A1	4					1582	1473	1507	1513	1529	1546	1563	1648	1598	1614	1629	
RCM057		C	4					1672	1748	1661	1740	1724	1716	1706	1699	1692	1687	1680	
RCM058		-8	D					1673	1749	1662	1741	1725	1717	1707	1700	1693	1688	1681	
RCM059		+2	D					1676	1752	1665	1744	1728	1720	1710	1703	1696	1691	1684	

alpha or beta
SCHEDULES
C: ALPHA = -8 TO +2 DEG. IN 1 DEG. INCREM. A: ALPHA = -7 TO +1 DEG. IN 0.5 DEG. INCREM.
A1: ALPHA = -7 TO +1 DEG. IN 1 DEG. INCREM. D: BETA = -4 TO +4 DEG. IN 1 DEG. INCREM.

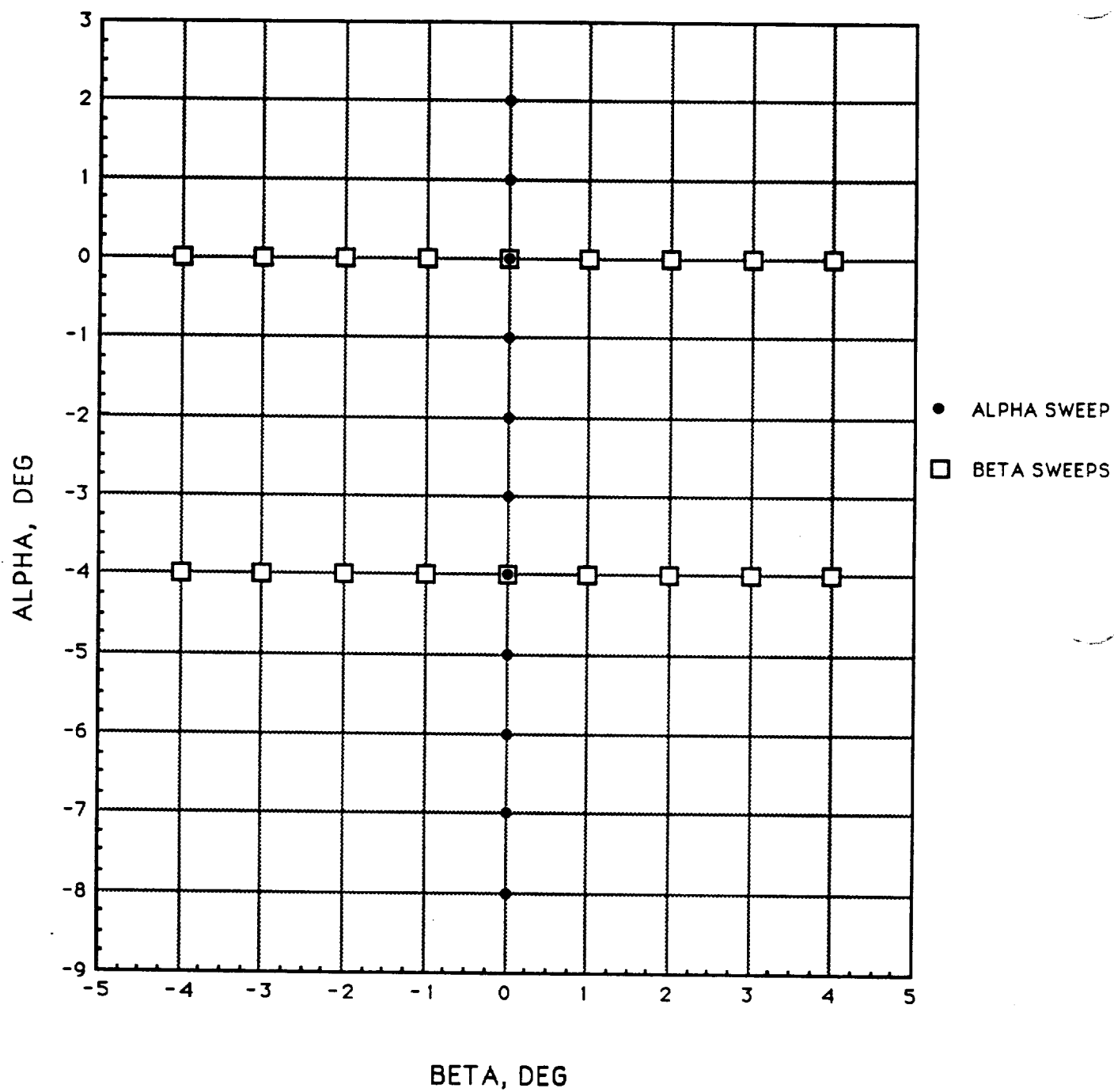
LA310.WK3

TEST SERIES 4



LA310WK3

TEST SERIES 5



**TABLE II CONCLUDED
IA310 (AEDC 16TF-783)
COEFFICIENT SCHEDULES**

D/S	1st	2nd										
1st	IND.	IND.										
<u>CHAR. VAR</u>			<u>VAR</u>									
R	MACH	ALPHA (BETA) (PHI)	CPB	CPC1	CPC2	CPC3	CP01	CPU	CPC4	CPC5	CPC6	CP02
S	MACH	ALPHA (BETA) (PHI)	CPR	CPC7	CPC8	CPC9	CP03	CPL	CPC10	CPC11	CPC12	CP04
T	MACH	ALPHA (BETA) (PHI)	BETA (ALPHA) (ALPHA)	PHI (BETA)	CPAQ	CPALPH	CPBQ	CPBETA	MPROBE	CPM	CPTD	
U	MACH	ALPHA (BETA) (PHI)	DPACAL	DPA1	DPA2	DPA	DPBCAL	DPB1	DPB2	DPB	PTTF	PT2F
V	MACH	ALPHA (BETA) (PHI)	P	PT	Q (PSF)	T	TT	RN/L	PC	PREF	SH	PATM

TABLE III PROBE DIMENSIONAL CHECK

<u>PRESSURE PORT</u>	<u>RADIAL (deg)</u>	<u>DISTANCE TO TIP</u>	<u>ORIENTATION (deg)</u>	<u>CIRCUMFERENTIAL DISPLACEMENT</u>
BOTTOM	000	.0820(\pm .0004) IN	357 46.2'(\pm 10.8')	-.0019 IN
UPPER	180	.0820(\pm .0001) IN	180 15.9'(\pm 12.4')	.0002 IN
RIGHT	090	.0819(\pm .0003) IN	090 34.5'(\pm 7.0')	.0005 IN
LEFT	270	.0819(\pm .0001) IN	268 26.3'(\pm 8.9')	-.0013 IN

TABLE IV - MODEL 68-T PRESSURE TAP LOCATIONS

TAP ID	RADIAL (DEG)	X _T (IN)		LOCATION
		FULL SCALE	MODEL SCALE	
PTT	TIP	327.22	22.905	AADS PROBE ↓
PB	0	328.37	22.986	
PU	180	↓	↓	
PR	90	↓	↓	
PL	270	↓	↓	
PC1	0	346.00	24.220	NOSE CONE ↓
PC2	↓	356.00	24.920	
PC3	↓	366.00	25.620	
PC4	180	346.00	24.220	
PC5	↓	356.00	24.920	
PC6	↓	366.00	25.620	
PC7	90	346.00	24.220	
PC8	↓	356.00	24.920	
PC9	↓	366.00	25.620	
PC10	270	346.00	24.220	
PC11	↓	356.00	24.920	
PC12	↓	366.00	25.620	
P01	0	430.00	30.10	OGIVE SURFACE ↓
P02	180	↓	↓	
P03	90	↓	↓	
P04	270	↓	↓	

TABLE V – ESP ORIFICE ASSIGNMENT

ESP-48 MODULE (+2.5 psid)				ESP-168P MODULE (+2.5 psid)			
PORT	TAP ID	PORT	TAP ID	PORT	TAP ID	PORT	TAP ID
01	VERIF P	25	VERIF P	01 P	VERIF P	01 R	REF
02	PU	26		02 P		02 R	↓
03	PB	27		03 P	↓	03 R	↓
04	VERIF P	28		04 P	PB	04 R	PU
05	PL	29		05 P	VERIF P	05 R	REF
06	PC 1	30		06 P	PB	06 R	PU
07	PC 2	31	↓	07 P	PR	07 R	PL
08	PC 3	32	VERIF P	08 P	PR	08 R	PL
09	PC 4	33	PC 1				
10	PC 5	34	PC 2				
11	PC 6	35	PC 3				
12	PC 7	36	PC 4				
13	PC 8	37	PC 5				
14	PC 9	38	PC 6				
15	PC 10	39	PC 7				
16	PC 11	40	PC 8				
17	PC 12	41	PC 9				
18	PO 1	42	PC 10				
19	PO 2	43	PC 11				
20	PO 3	44	PC 12				
21	PO 4	45	PO 1				
22	VERIF P	46	PO 2				
23	VERIF P	47	PO 3				
24	PR	48	PO 4				

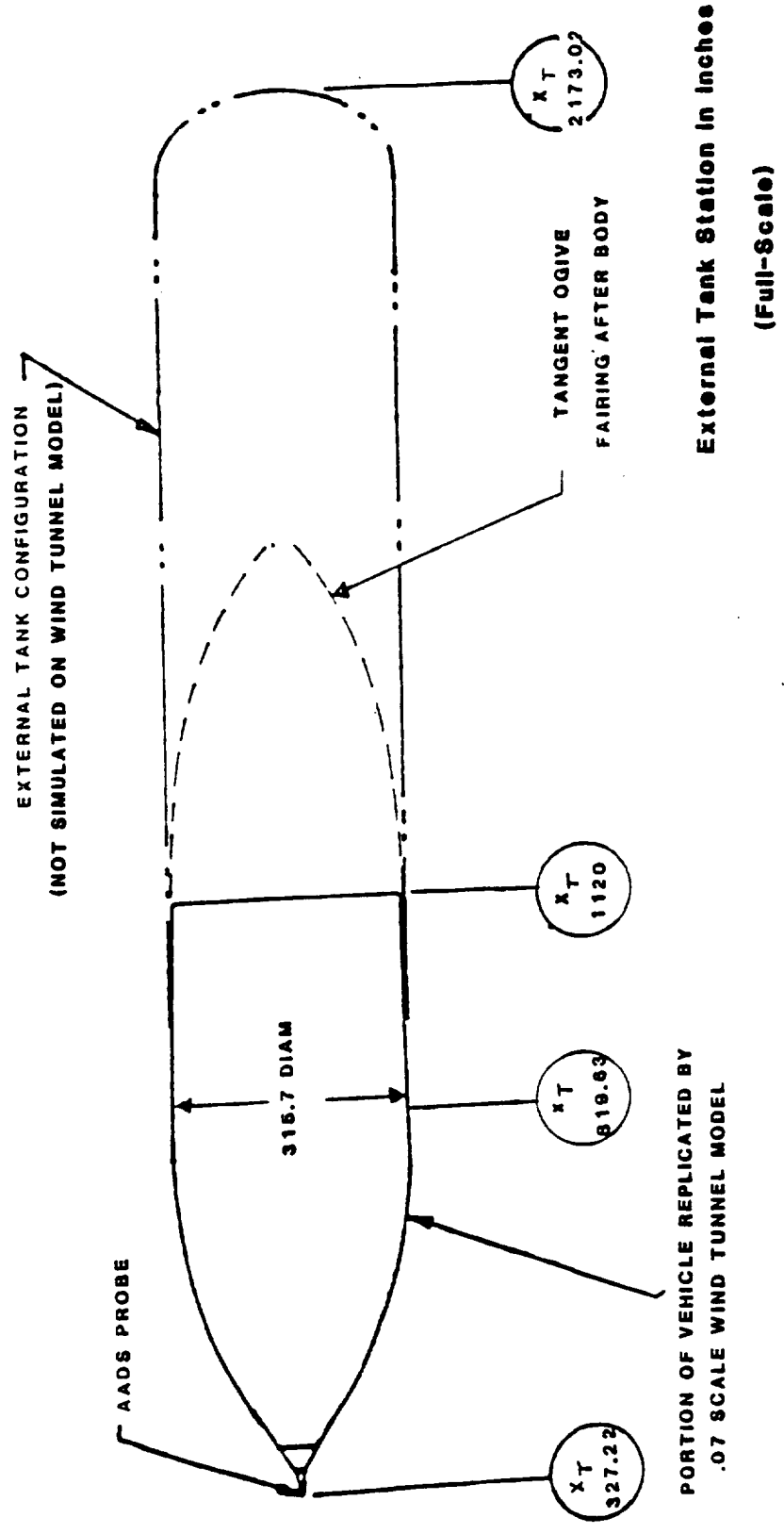


Figure 1a. Model Profile Lines

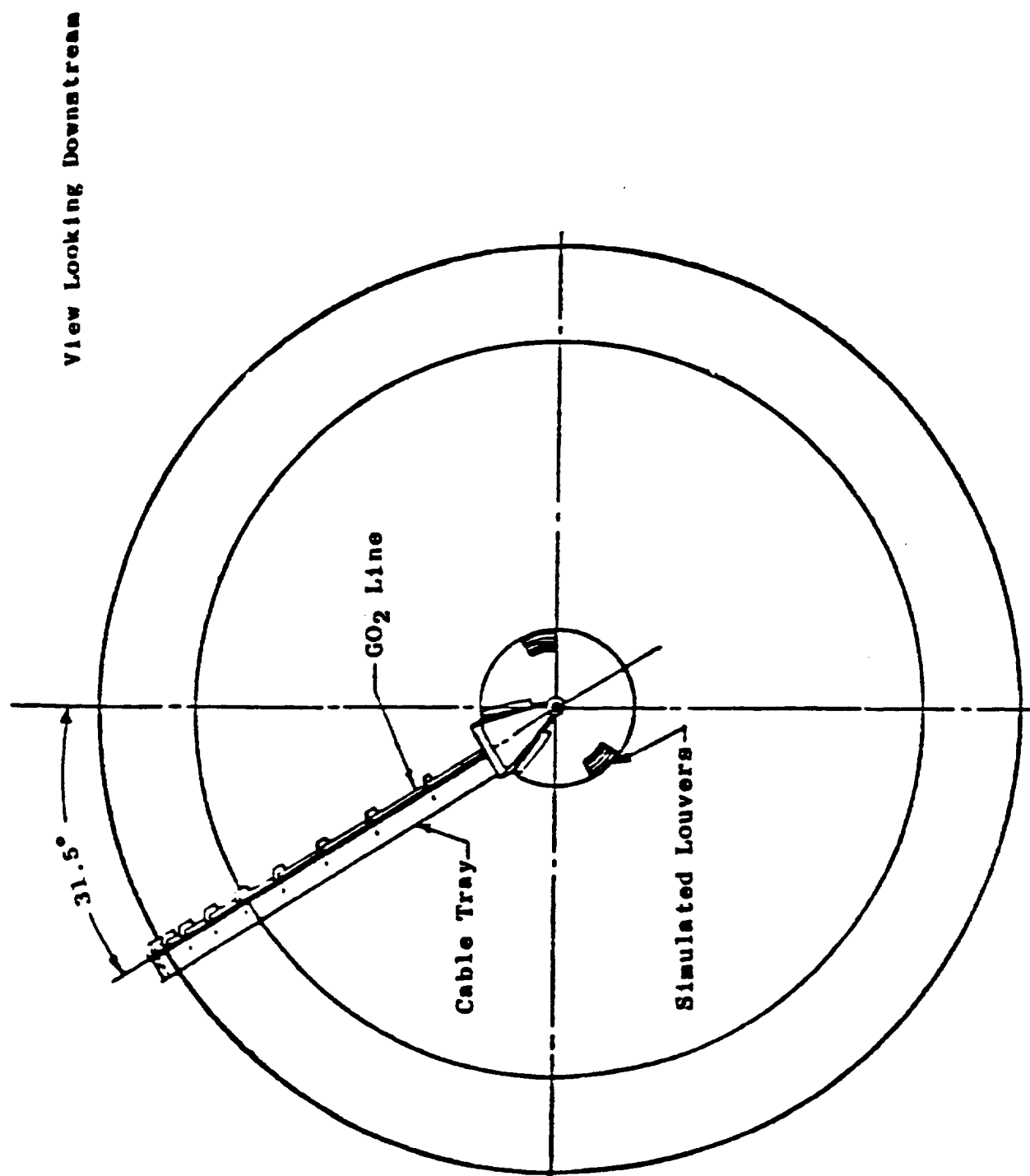


Figure 1b. Model Front View



ORIGINAL PAGE
BLACK AND WHITE PHOTOGRAPH

Figure 1d. AADS Probe & Cone

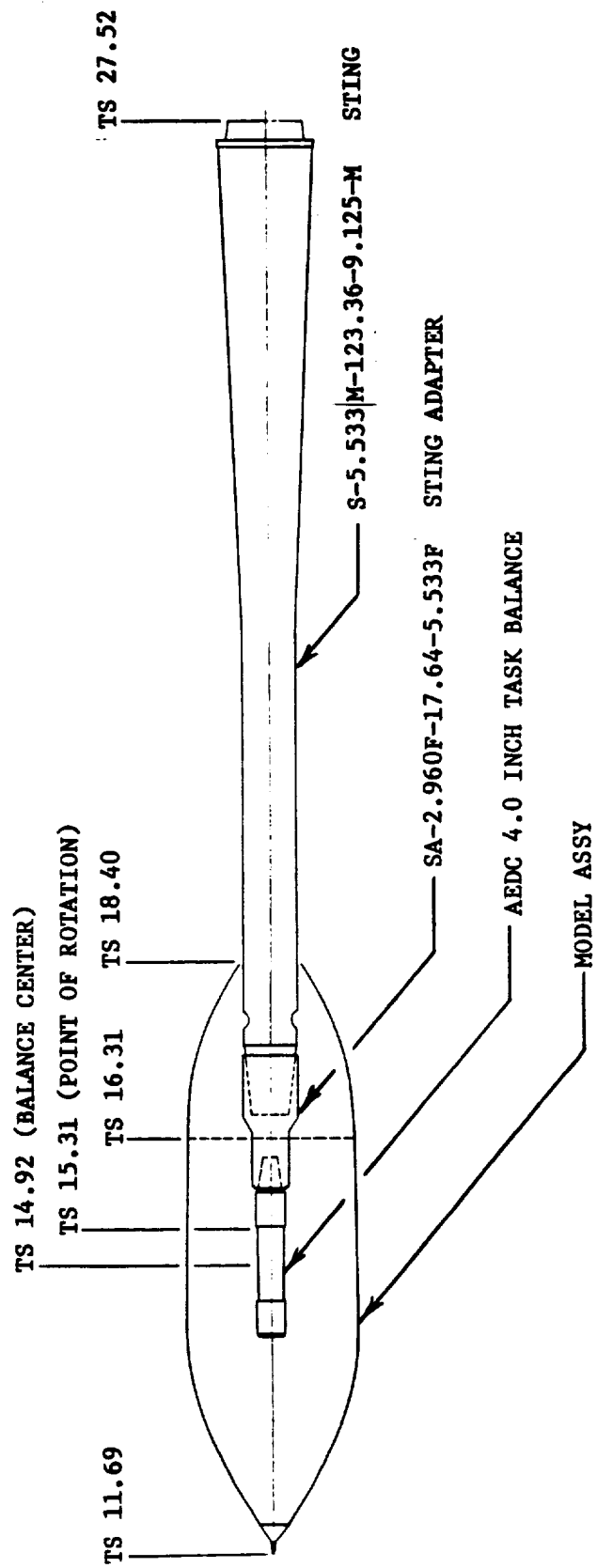


Figure 2. Model Installation

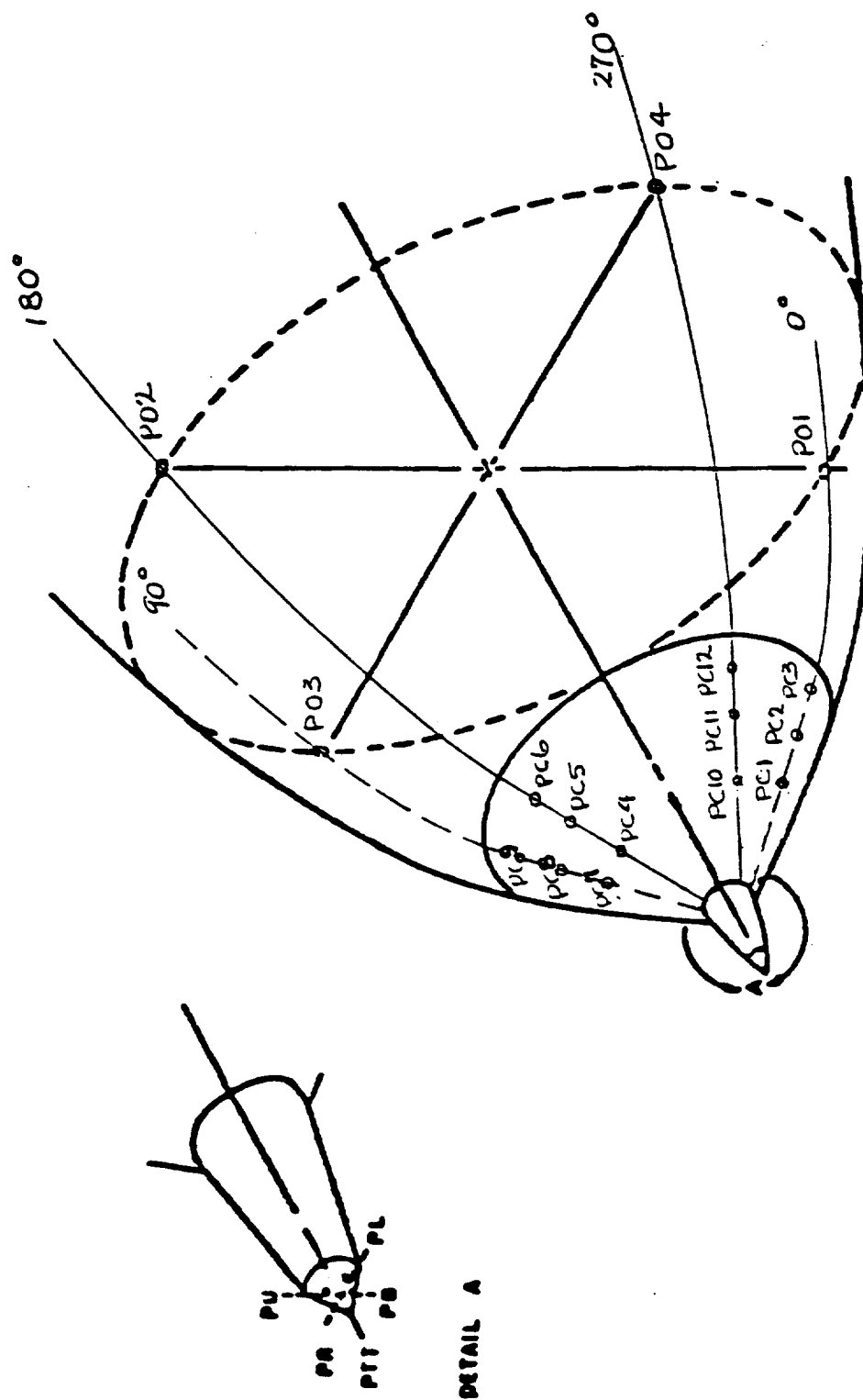


Figure 3. Pressure Instrumentation Location

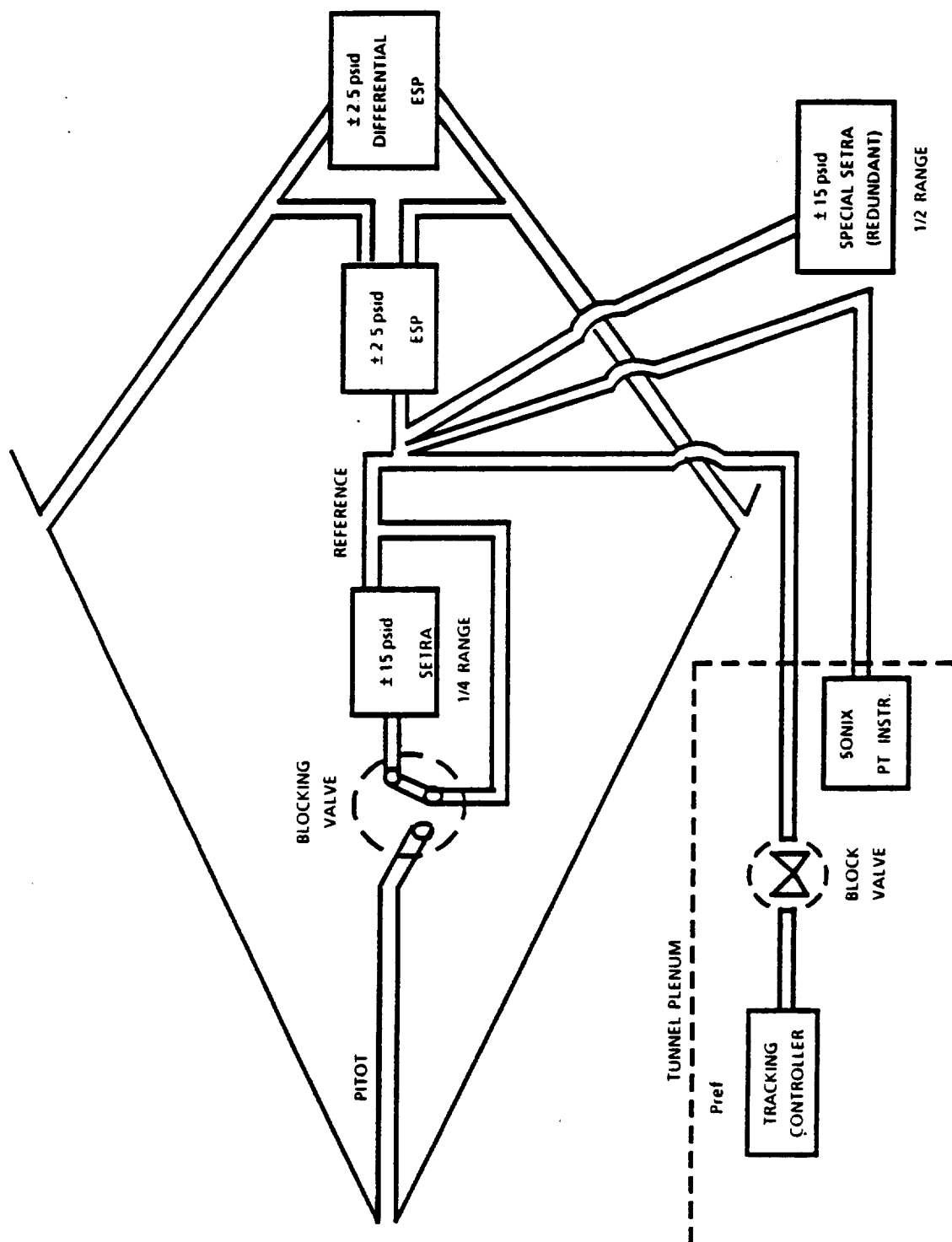
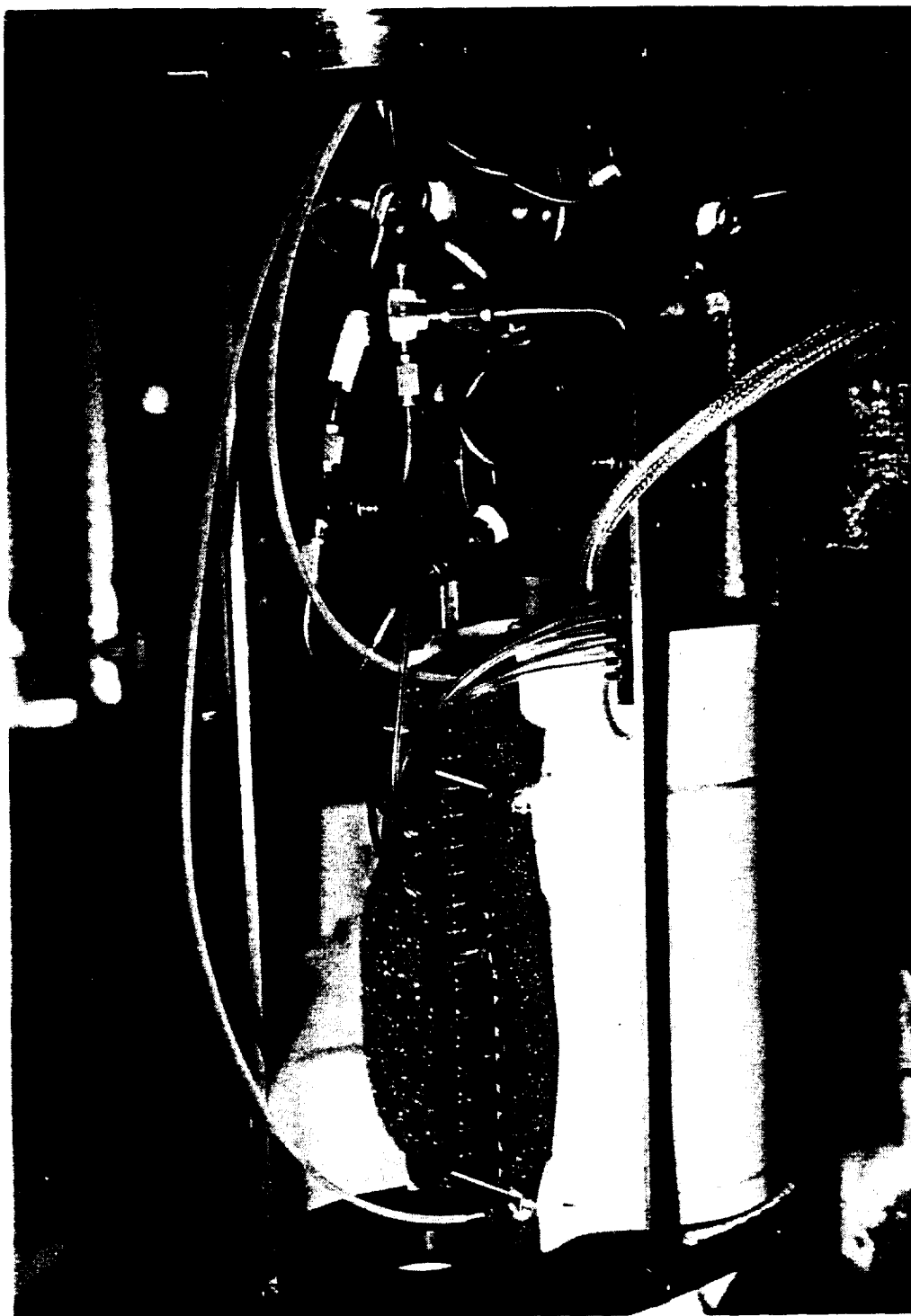


Figure 4. Pressure Instrumentation System Schematic



Figure 5. Instrumentation Arrangement - #1 Container

ORIGINAL PAGE
BLACK AND WHITE PHOTOGRAPH



Fire 6. Instrumentation Arrangement - #2 Container

ORIGINAL PAGE
BLACK AND WHITE PHOTOGRAPH

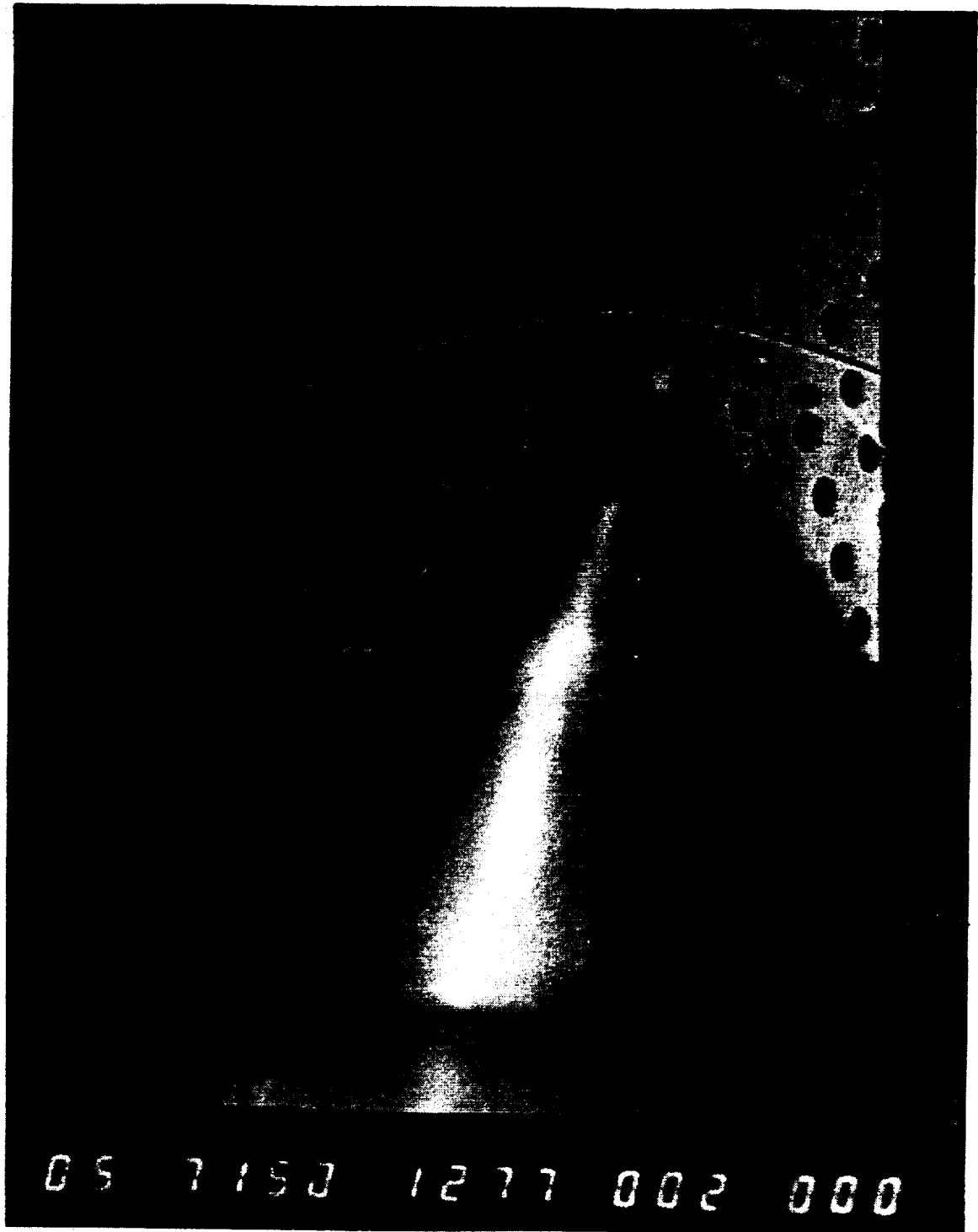


Figure 7. Shock Wave Shadowgraph (Mach 1.475)

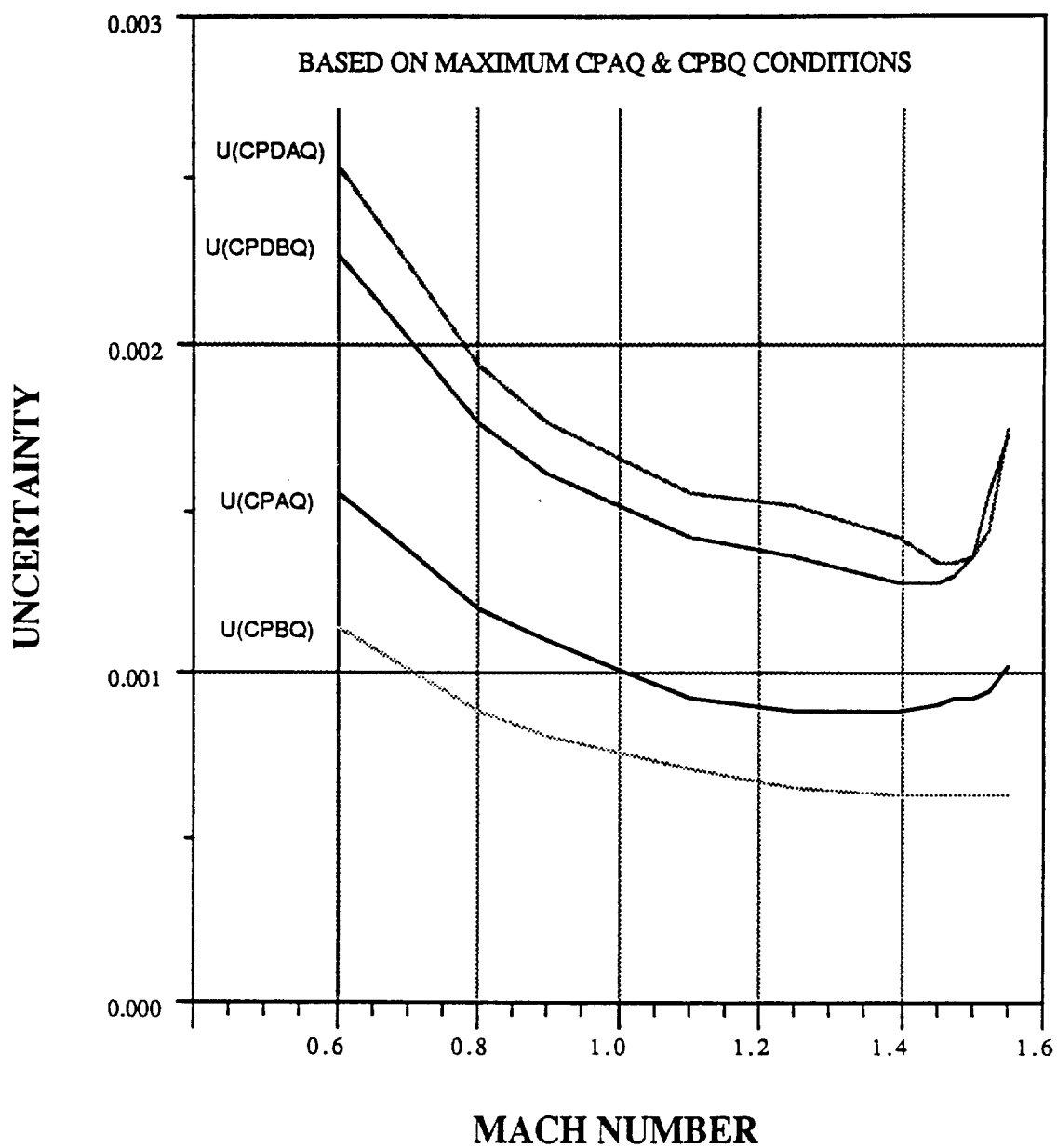


Figure 8a. Measurement Uncertainties - Probe Pressure Coefficients

BASED ON MAXIMUM CPM CONDITIONS

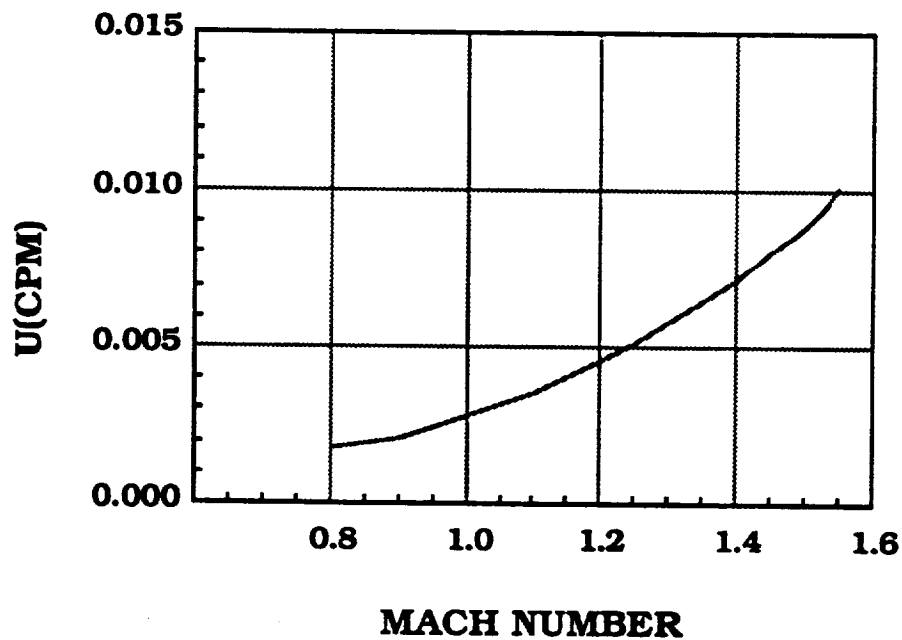
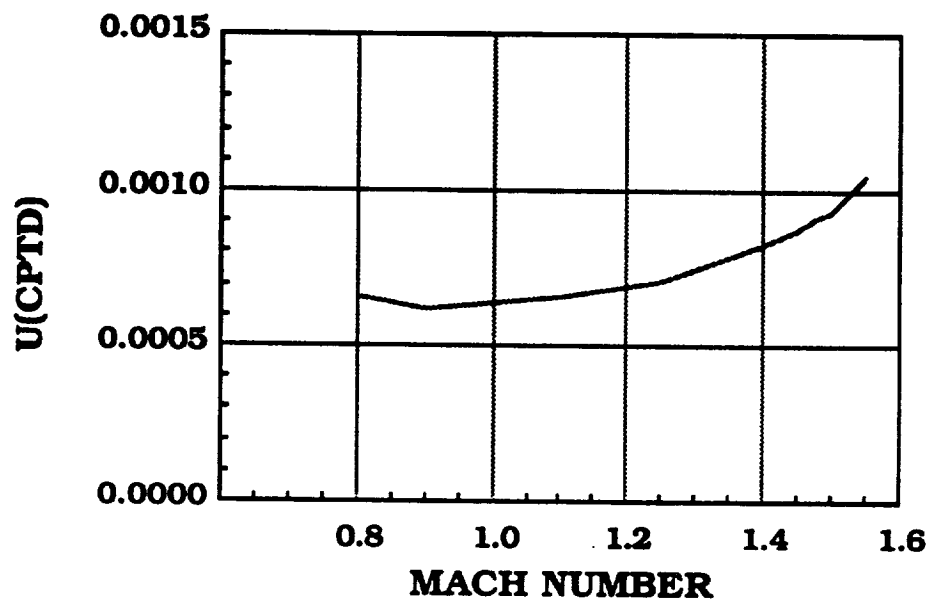


Figure 8b. Measurement Uncertainties - Total Pressure Coefficients

DATA FIGURES

(This page intentionally left blank)

DATA SET SYMBOL

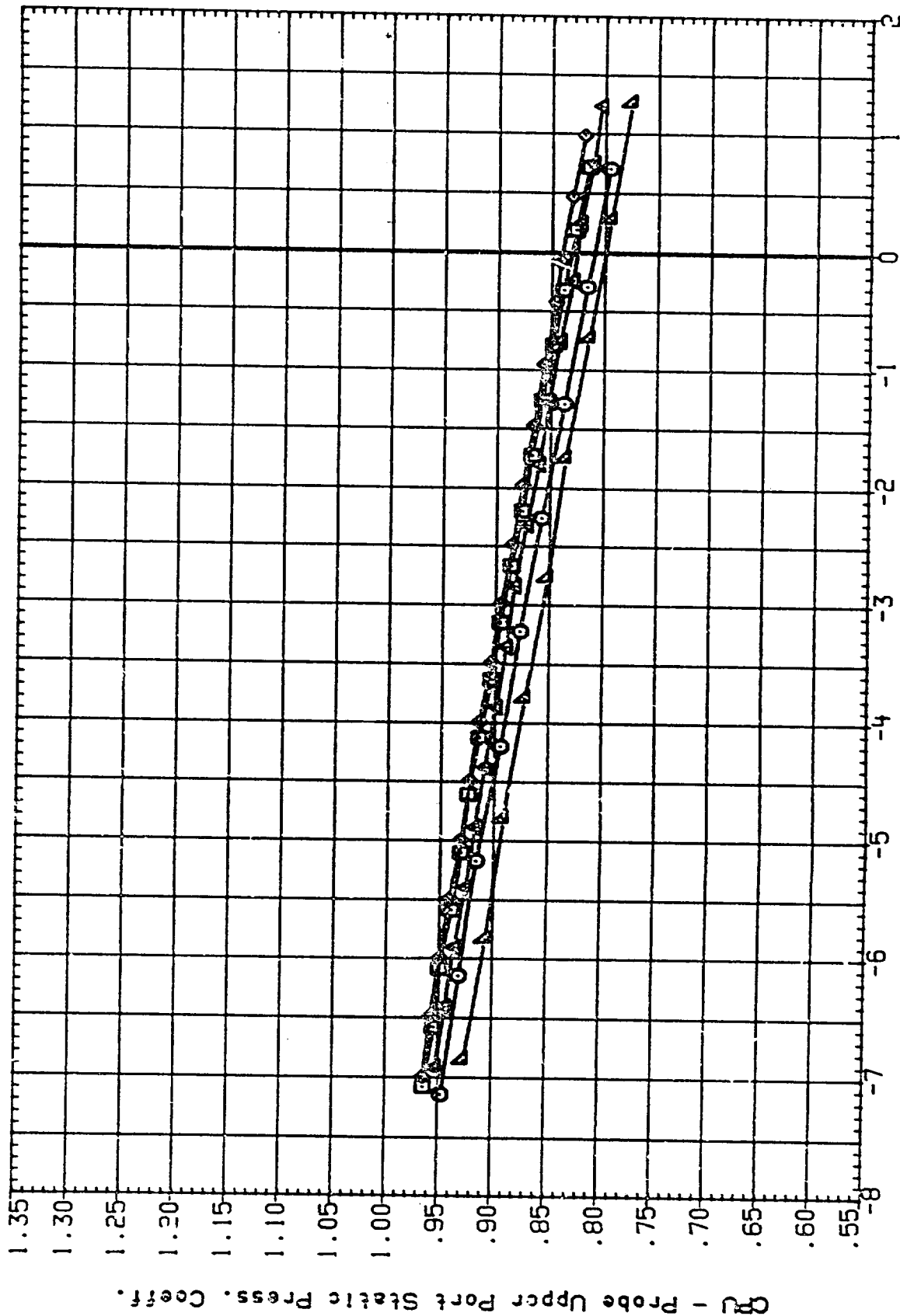
RCM042
RCM045
RCM549
RCM1053
RCM1056

CONFIGURATION

IA310 (AEDC 16TF-783) PROBE CALIBRATION
IA310 (AEDC 16TF-783) PROBE CALIBRATION
IA310 (AEDC 16TF-783) PROBE CALIBRATION
IA310 (AEDC 16TF-783) PROBE CALIBRATION
IA310 (AEDC 16TF-783) PROBE CALIBRATION

BETA PHI

-4.000 180.000
-2.000 180.000
2.000 180.000
4.000 180.000



PRECEDING PAGE BLANK NOT FILMED

FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

(A) MACH = .60

DATE 22 OCT 91

DATA SET SYMBOL

RCX042
RCX043
RCX048
RCX053
RCX056

CONFIGURATION

IA310 (AEDC 16TF-783) PROBE CALIBRATION
IA310 (AEDC 16TF-783) PROBE CALIBRATION
IA310 (AEDC 16TF-783) PROBE CALIBRATION
IA310 (AEDC 16TF-783) PROBE CALIBRATION

BETA PHI

-4.000 180.000
-2.000 180.000
2.000 180.000
4.000 180.000

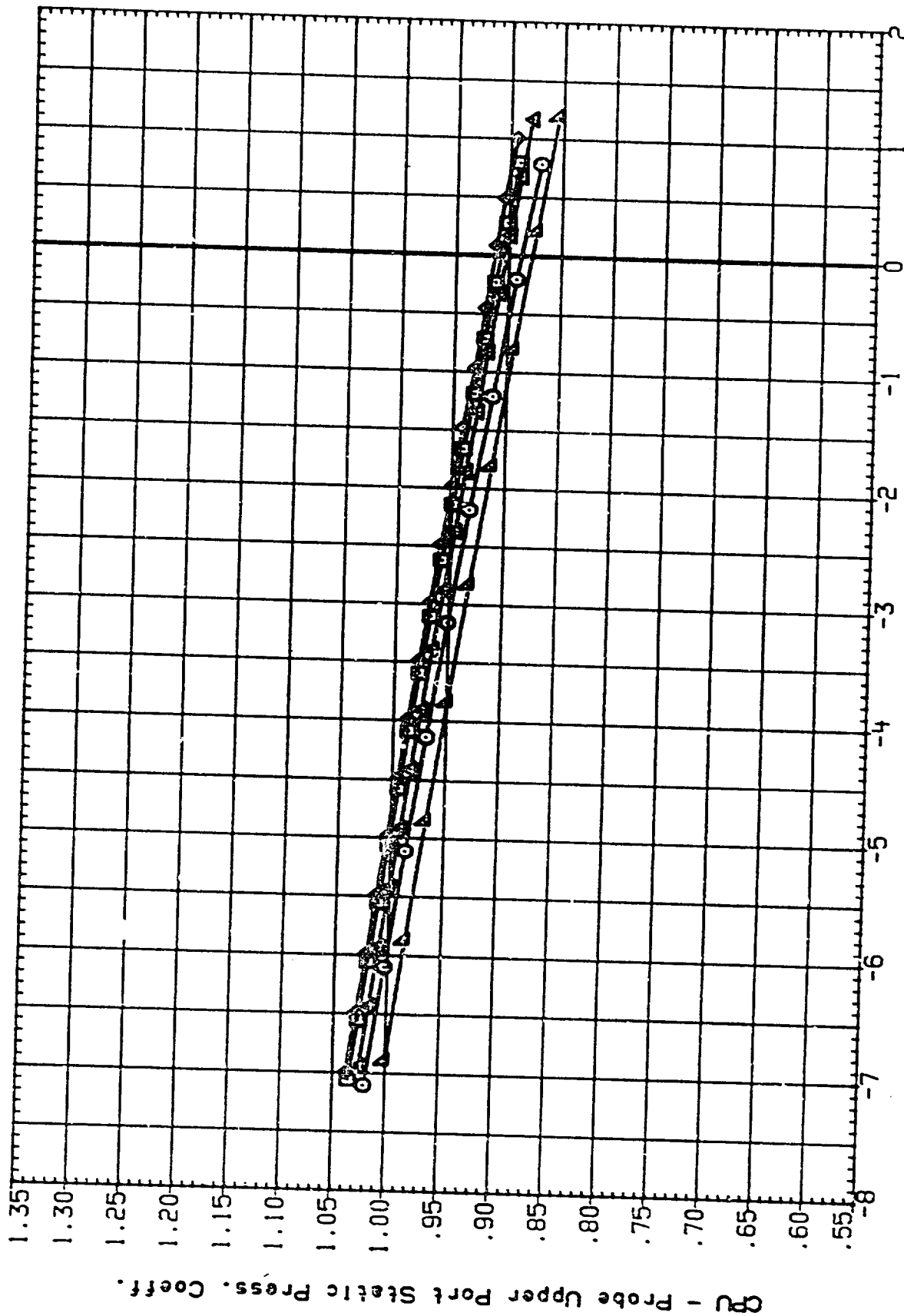


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

(B) CH = .80

DATE 22 OCT 91

DATA SET SYMBOL	CONFIGURATION	DELTA	PHI
ICH042	IA310 (AEDC 16TF-783) PROBE CALIBRATION	-4.000	180.000
ICH045	IA310 (AEDC 16TF-783) PROBE CALIBRATION	-2.000	180.000
ICH049	IA310 (AEDC 16TF-783) PROBE CALIBRATION	.000	180.000
ICH053	IA310 (AEDC 16TF-783) PROBE CALIBRATION	2.000	180.000
ICH058	IA310 (AEDC 16TF-783) PROBE CALIBRATION	4.000	180.000

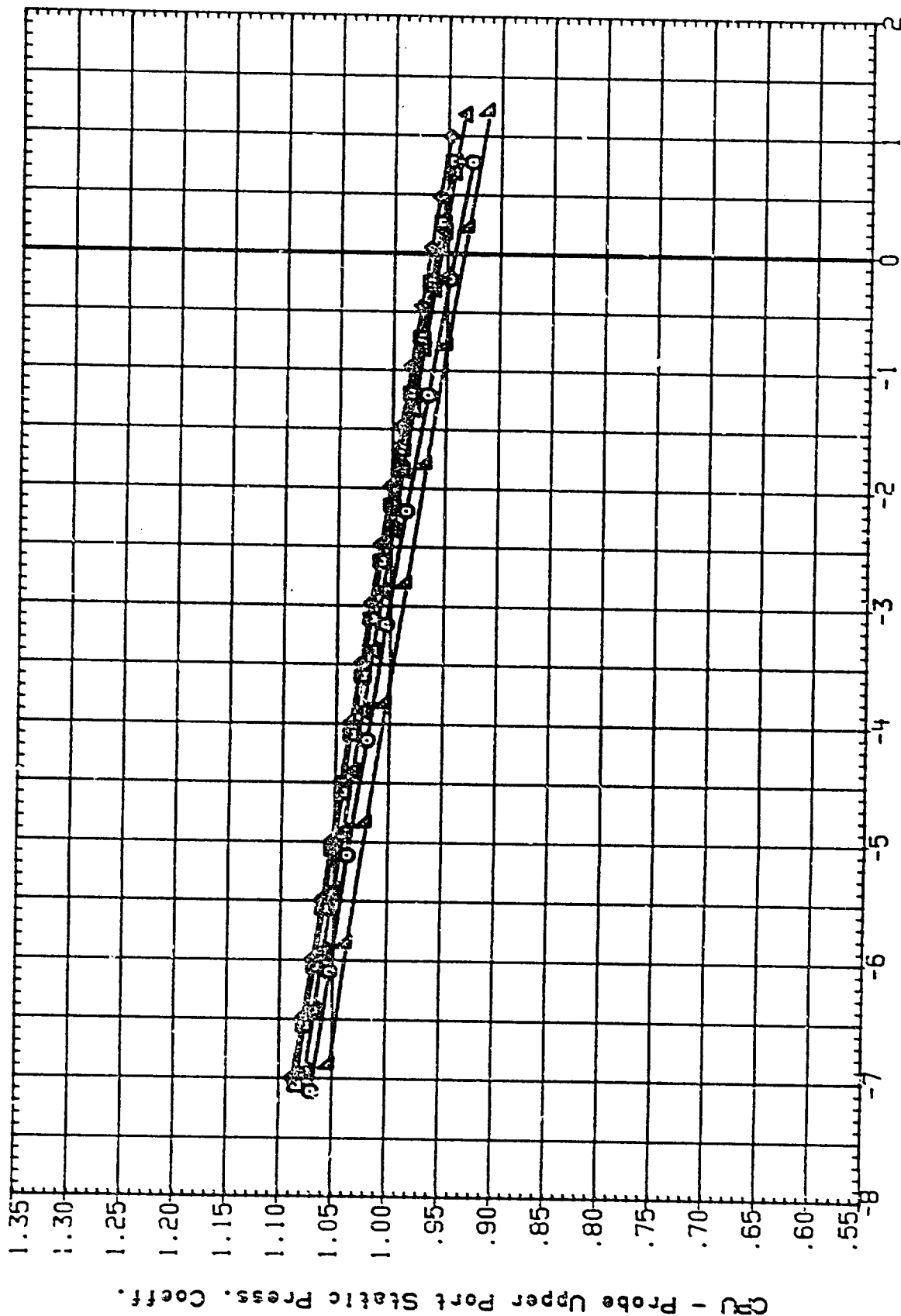


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

DATA SET SYMBOL

RC10942
RC10943
RC10944
RC10945
RC10946

CONFIGURATION

IA310 (AEDC 16TF-783) PROBE CALIBRATION
IA310 (AEDC 16TF-783) PROBE CALIBRATION
IA310 (AEDC 16TF-783) PROBE CALIBRATION
IA310 (AEDC 16TF-783) PROBE CALIBRATION
IA310 (AEDC 16TF-783) PROBE CALIBRATION

BETA PHI
-4.000 180.000
-2.000 180.000
2.000 180.000
4.000 180.000

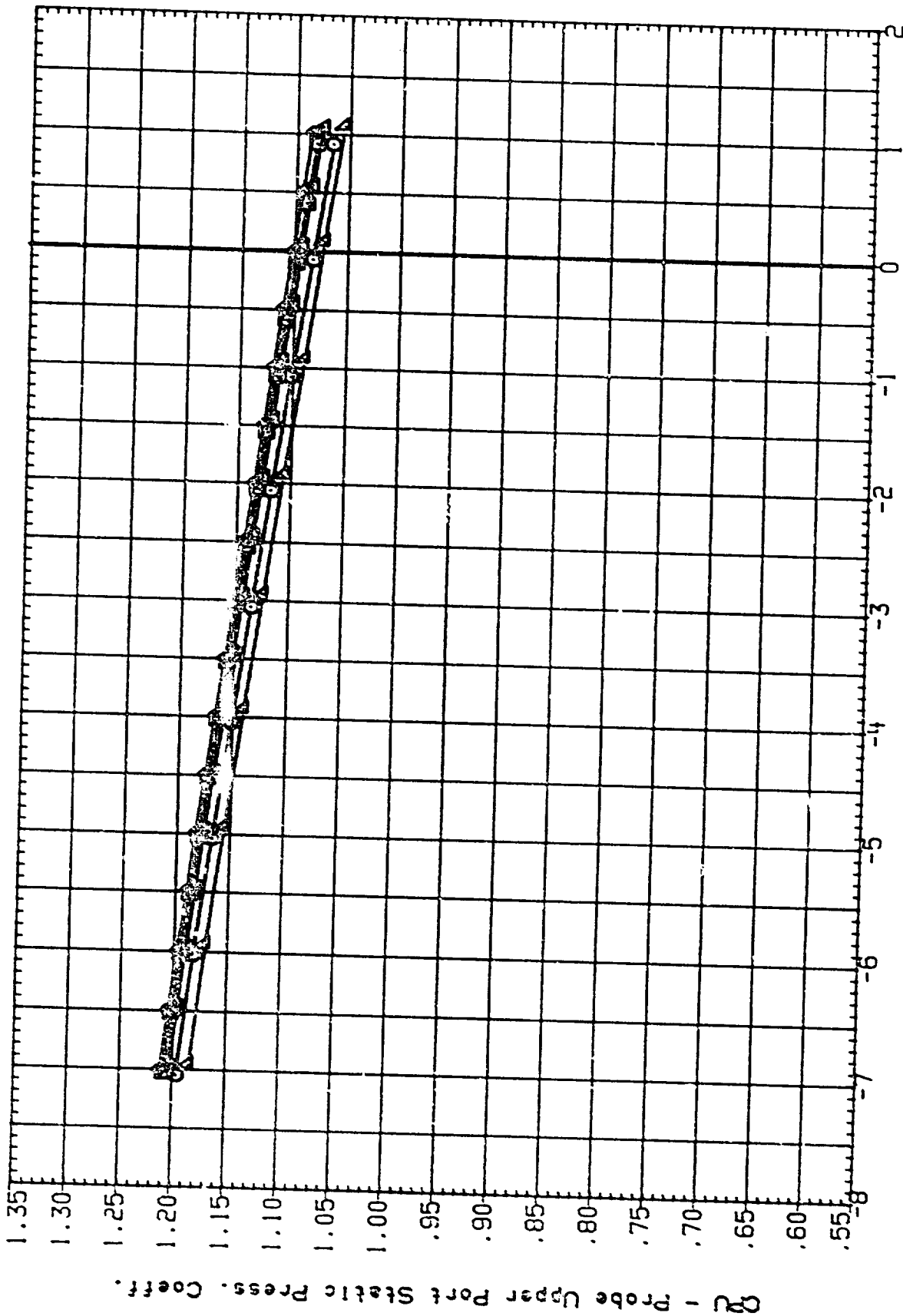


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

(D) H. CH = 1.10

DATE 22 OCT 91

DATA SET	SYMBOL	CONFIGURATION	BETA	PHI
RCH042	○	IA310 (AEDC 181F-783) PROBE CALIBRATION	-4.000	180.000
RCH045	◇	IA310 (AEDC 181F-783) PROBE CALIBRATION	-2.000	180.000
RCH049	△	IA310 (AEDC 181F-783) PROBE CALIBRATION	.000	180.000
RCH053	▽	IA310 (AEDC 181F-783) PROBE CALIBRATION	2.000	180.000
RCH056	□	IA310 (AEDC 181F-783) PROBE CALIBRATION	4.000	180.000

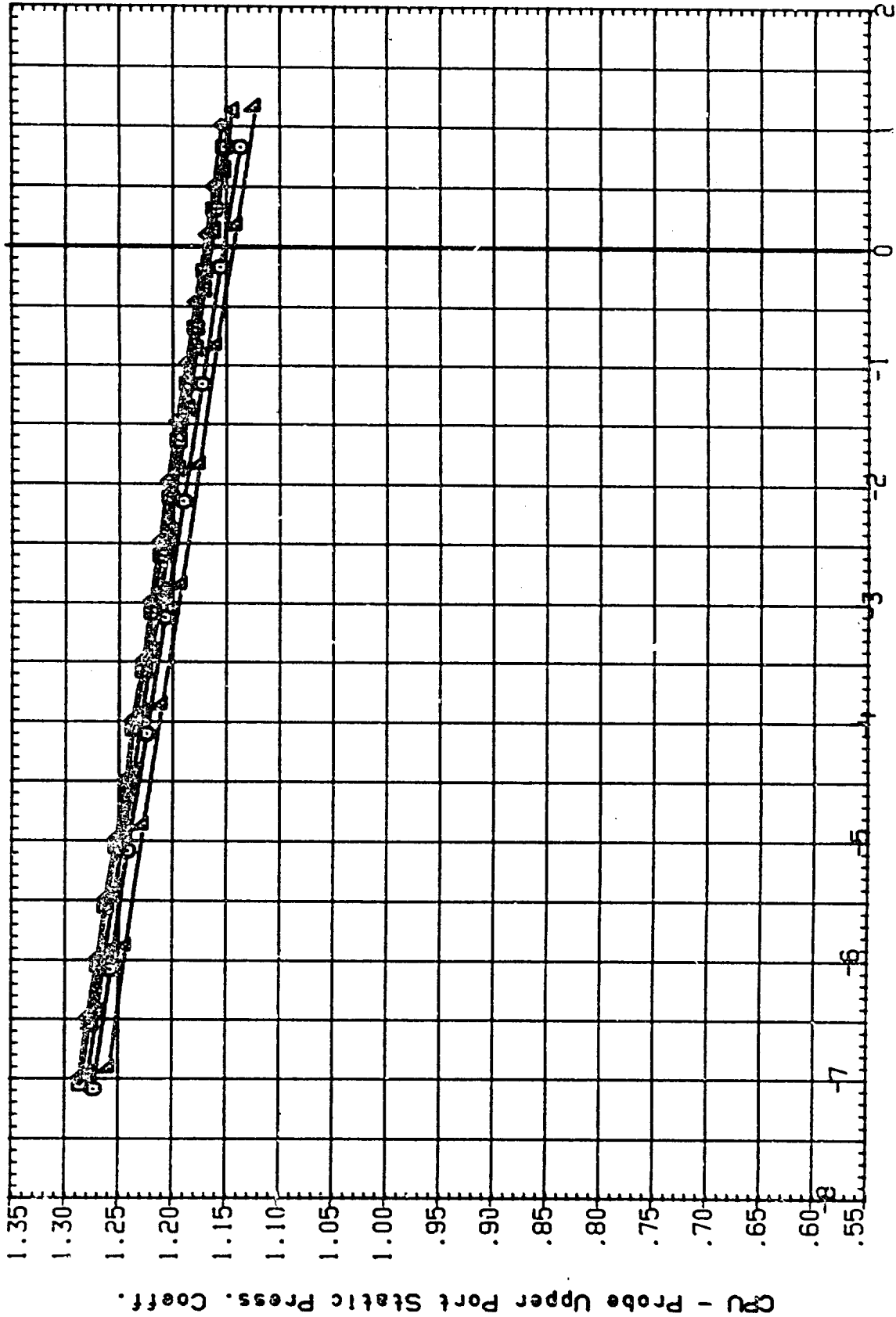


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

DATA SET SYMBOL

RCH0102
RCH0105
RCH0549
RCH0533
RCH0566

CONFIGURATION

IA310 (AEDC 16TF-783) PROBE CALIBRATION
IA310 (AEDC 16TF-783) PROBE CALIBRATION
IA310 (AEDC 16TF-783) PROBE CALIBRATION
IA310 (AEDC 16TF-783) PROBE CALIBRATION
IA310 (AEDC 16TF-783) PROBE CALIBRATION

BETA PHI
-4.000 180.000
-2.000 180.000
.000 180.000
2.000 180.000
4.000 180.000

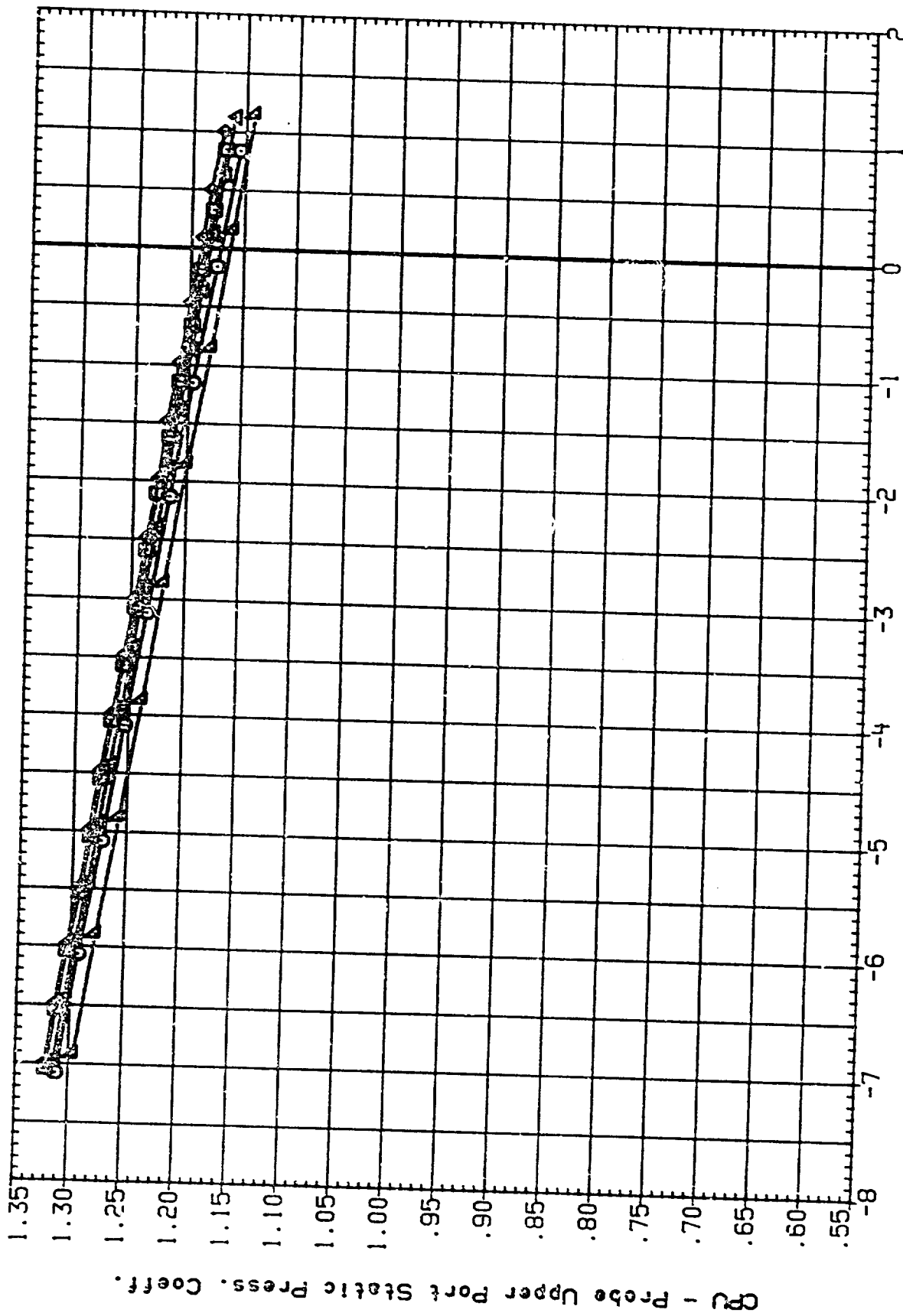


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

(A) iACH = 1.40

DATE 22 OCT 91

DATA SET SYMBOL

RC1042
RC1045
RC1049
RC1053
RC1056

○
◇
△

CONFIGURATION

IA310 (AEDC 16TF-783) PROBE CALIBRATION
IA310 (AEDC 16TF-783) PROBE CALIBRATION
IA310 (AEDC 16TF-783) PROBE CALIBRATION
IA310 (AEDC 16TF-783) PROBE CALIBRATION
IA310 (AEDC 16TF-783) PROBE CALIBRATION

BETA PHI

-4.000 180.000
-2.000 180.000
.000 180.000
2.000 180.000
4.000 180.000

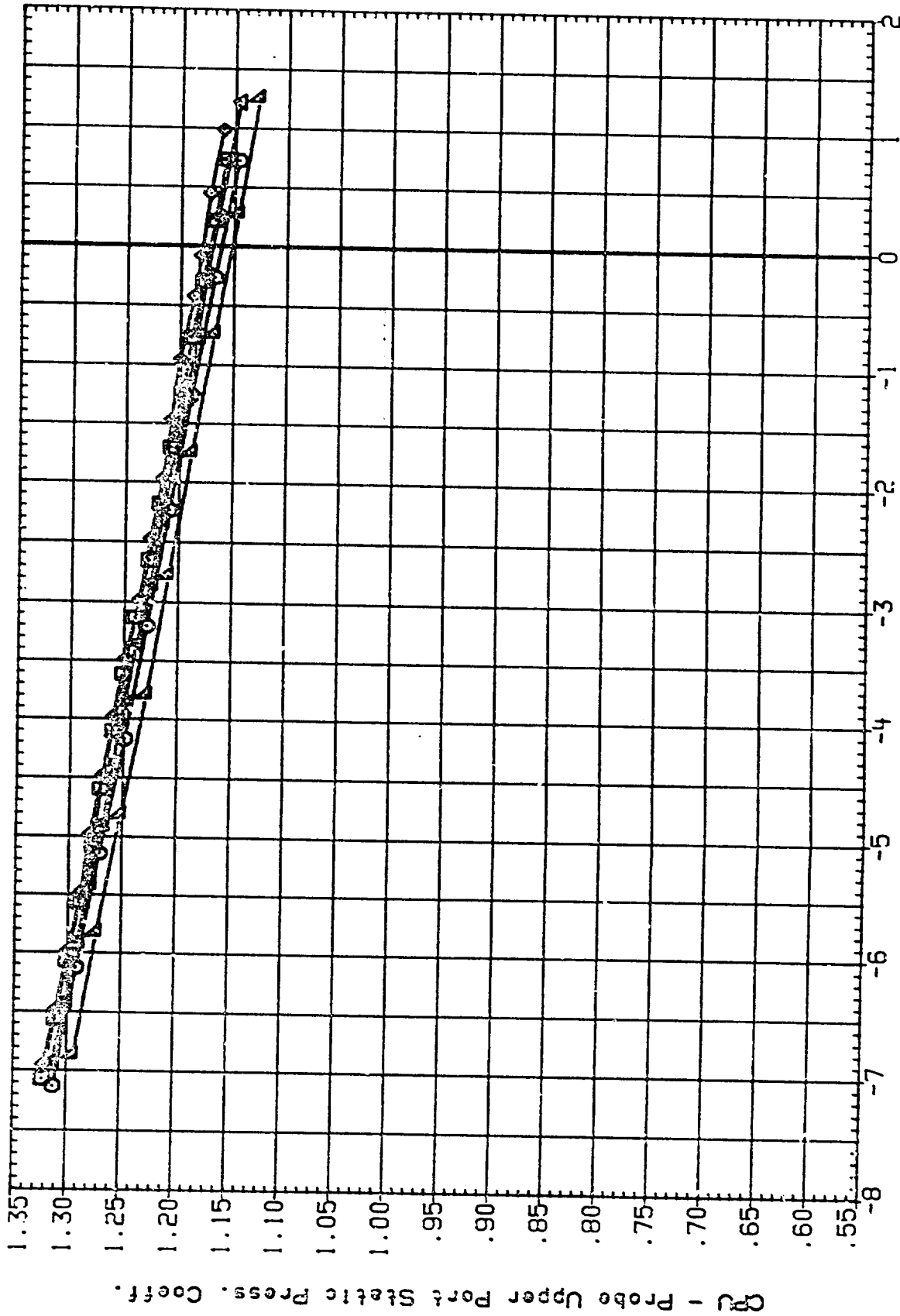


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

(G)MACH = 1.45

DATE 22 OCT 91

DATA SET SYMBOL

RC1042
RC1043
RC1044
RC1045
RC1046
RC1047

CONFIGURATION

IA310 (AEDC 16TF-783) PROBE CALIBRATION
IA310 (AEDC 16TF-783) PROBE CALIBRATION
IA310 (AEDC 16TF-783) PROBE CALIBRATION
IA310 (AEDC 16TF-783) PROBE CALIBRATION
IA310 (AEDC 16TF-783) PROBE CALIBRATION

BETA PHI

-4.000 180.000
-2.000 180.000
.000 180.000
2.000 180.000
4.000 180.000

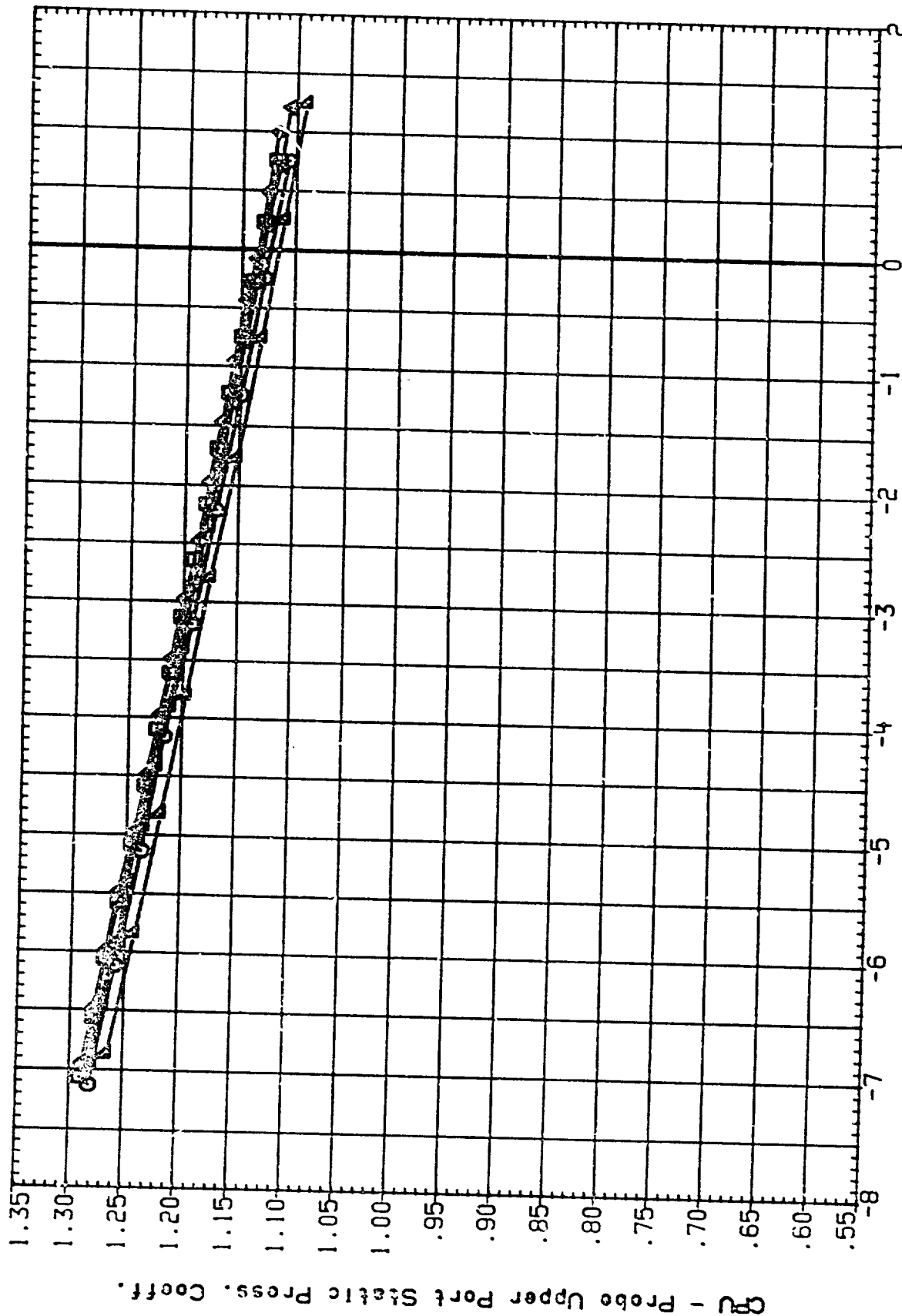


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

(H) CH = 1.47

DATE 22 OCT 91

DATA SET SYMBOL	CONFIGURATION	BETA	PHI
RG1042	IA310 (AEDC 16TF-783) PROBE CALIBRATION	-4.000	180.000
RG1045	IA310 (AEDC 16TF-783) PROBE CALIBRATION	-2.000	180.000
RG1549	IA310 (AEDC 16TF-783) PROBE CALIBRATION	.000	180.000
RG1033	IA310 (AEDC 16TF-783) PROBE CALIBRATION	2.000	180.000
RG1058	IA310 (AEDC 16TF-783) PROBE CALIBRATION	4.000	180.000

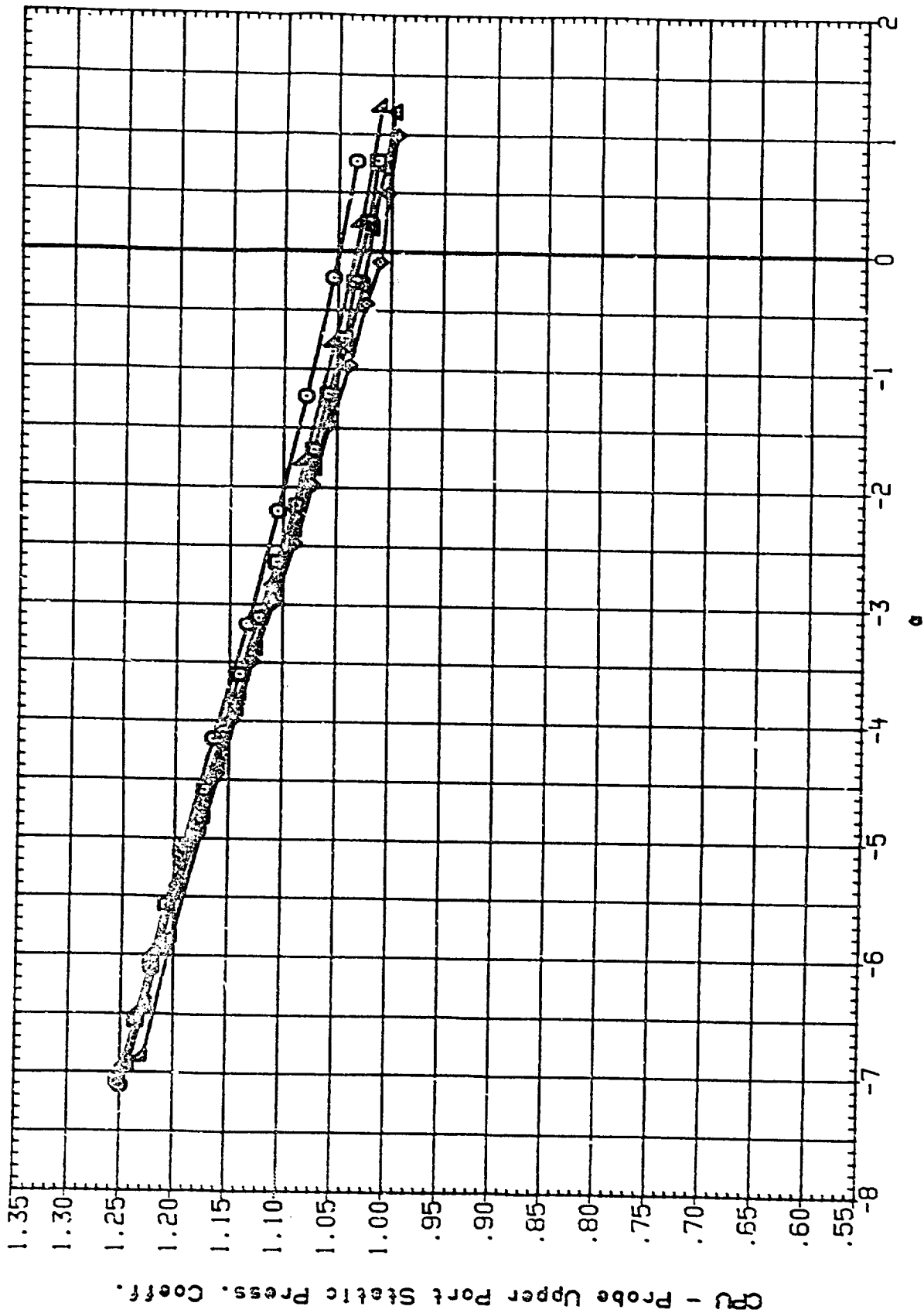


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

DATA SET SYMBOL

RC1042
RC1045
RC1049
RC1053
RC1058

IA310 (AEDC 16TF-783) PROBE CALIBRATION
IA310 (AEDC 16TF-783) PROBE CALIBRATION
IA310 (AEDC 16TF-783) PROBE CALIBRATION
IA310 (AEDC 16TF-783) PROBE CALIBRATION
IA310 (AEDC 16TF-783) PROBE CALIBRATION

BETA PHI
-4.000 180.000
-2.000 180.000
.000 180.000
2.000 180.000
4.000 180.000

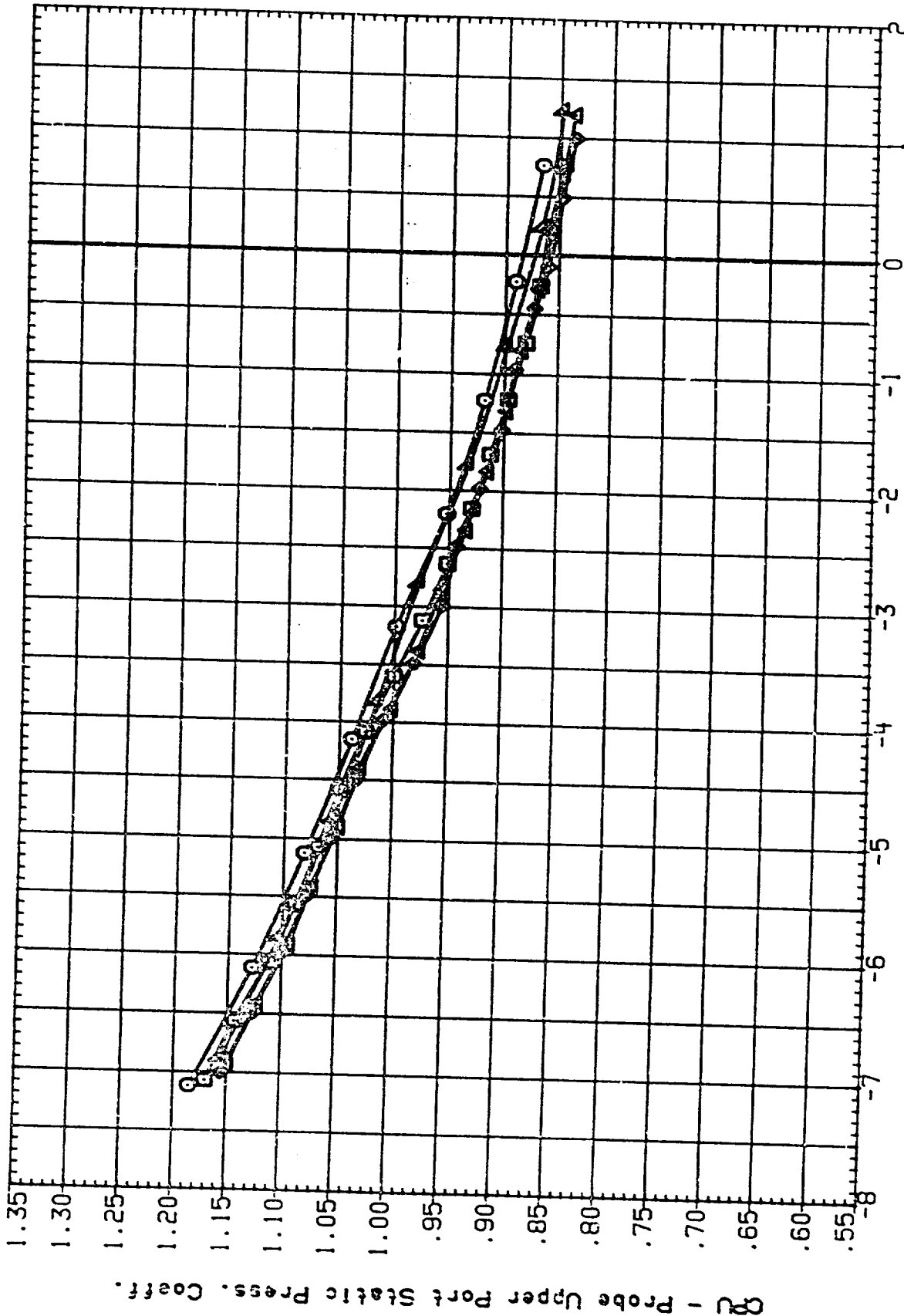


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

DATA SET SYMBOL	CONFIGURATION	BETA	PHI
RCM002	IA310 (AEDC 181F-783) PROBE CALIBRATION	-4.000	180.000
RCM045	IA310 (AEDC 181F-783) PROBE CALIBRATION	-2.000	180.000
RCM248	IA310 (AEDC 181F-783) PROBE CALIBRATION	.000	180.000
RCM053	IA310 (AEDC 181F-783) PROBE CALIBRATION	2.000	180.000
RCM056	IA310 (AEDC 181F-783) PROBE CALIBRATION	4.000	180.000

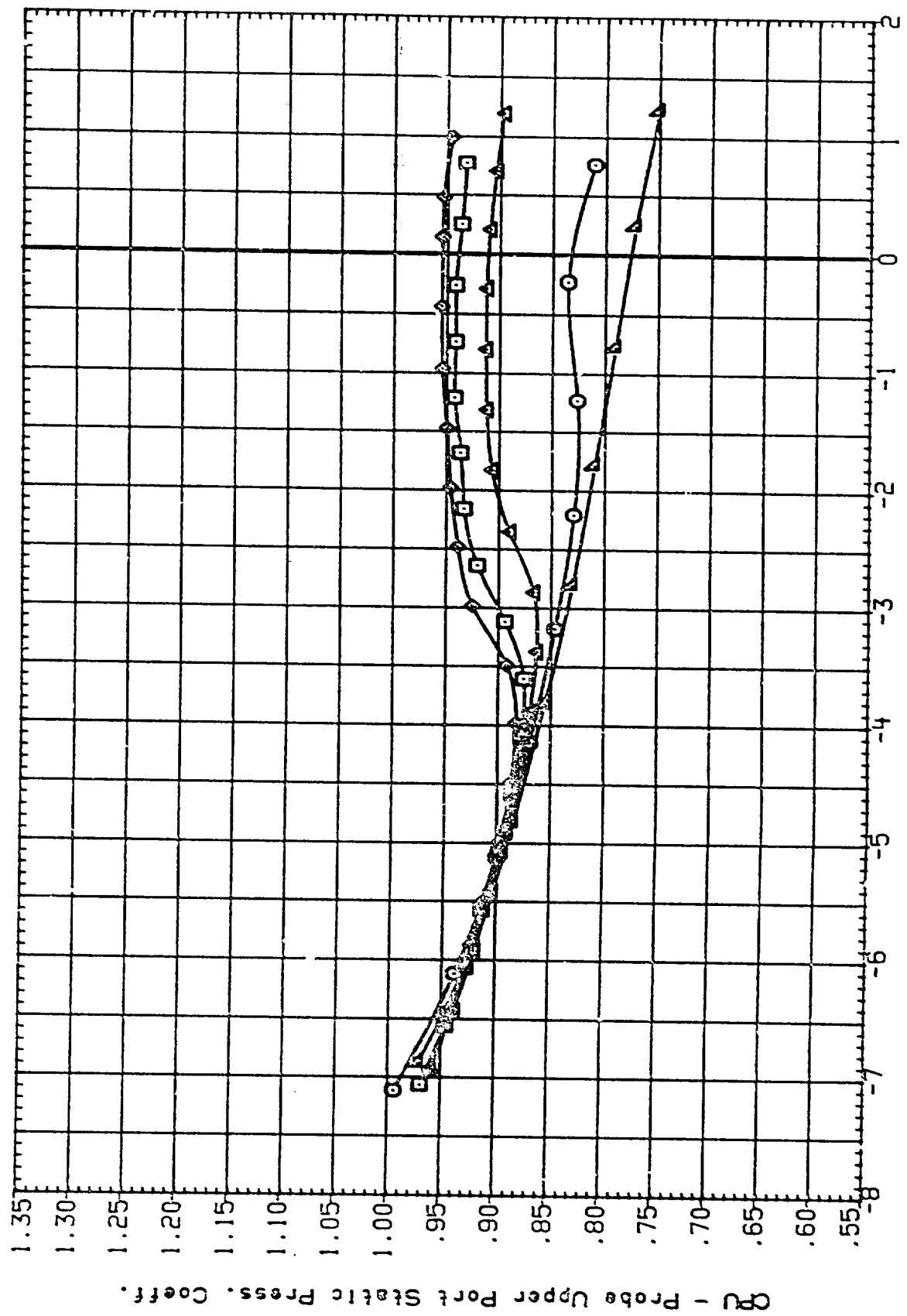


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

(K)MACH = 1.54

DATE 22 OCT 91

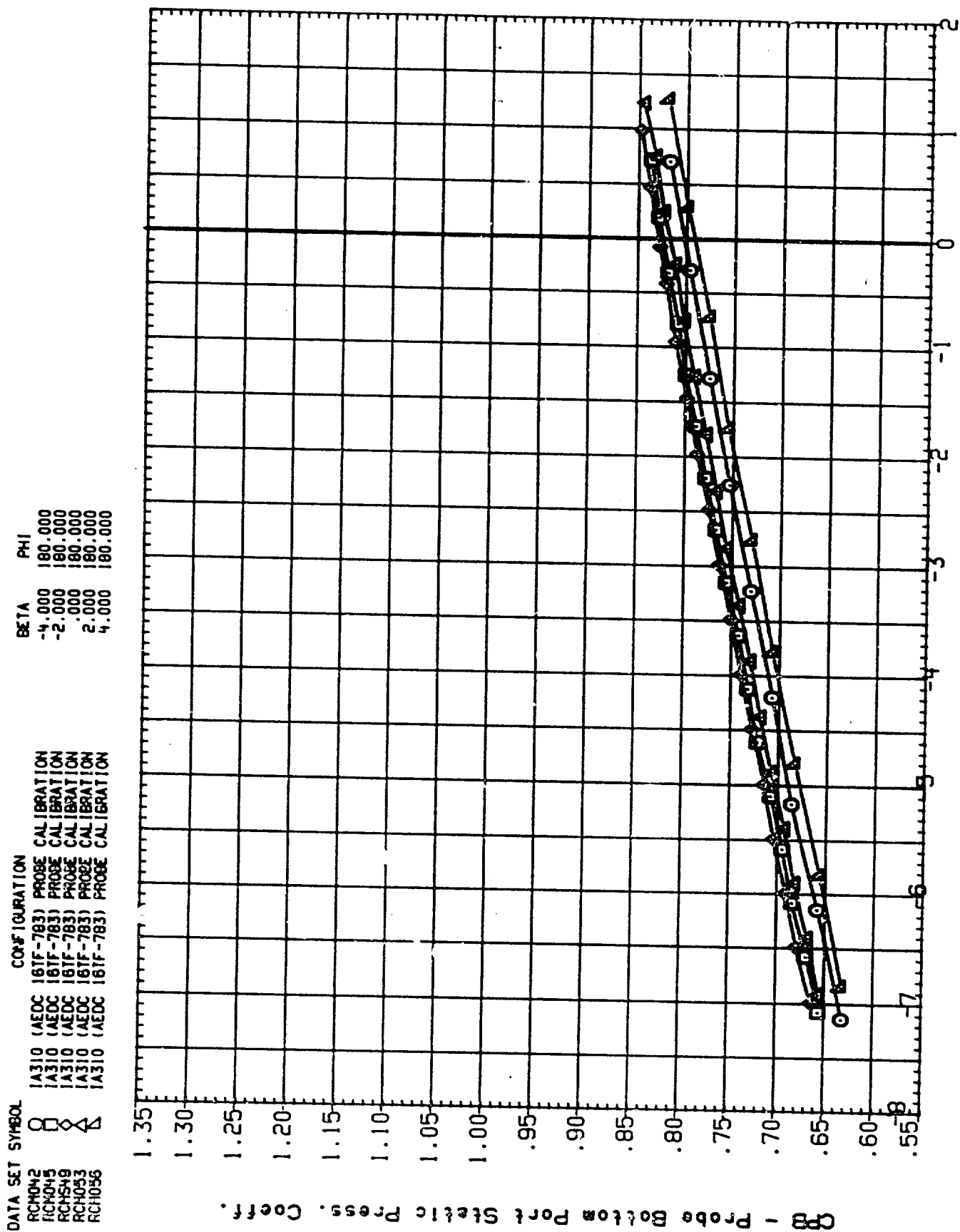


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

MACH = .60

DATE 22 OCT 91

DATA SET SY1204

RCN042
RCN045
RCN049
RCN033
RCN035

CONFIGURATION

IA310 (AEDC 16TF-783) PROBE CALIBRATION
IA310 (AEDC 16TF-783) PROBE CALIBRATION
IA310 (AEDC 16TF-783) PROBE CALIBRATION
IA310 (AEDC 16TF-783) PROBE CALIBRATION
IA310 (AEDC 16TF-783) PROBE CALIBRATION

BETA PHI

-4.000 180.000
-2.000 180.000
.000 180.000
2.000 180.000
4.000 180.000

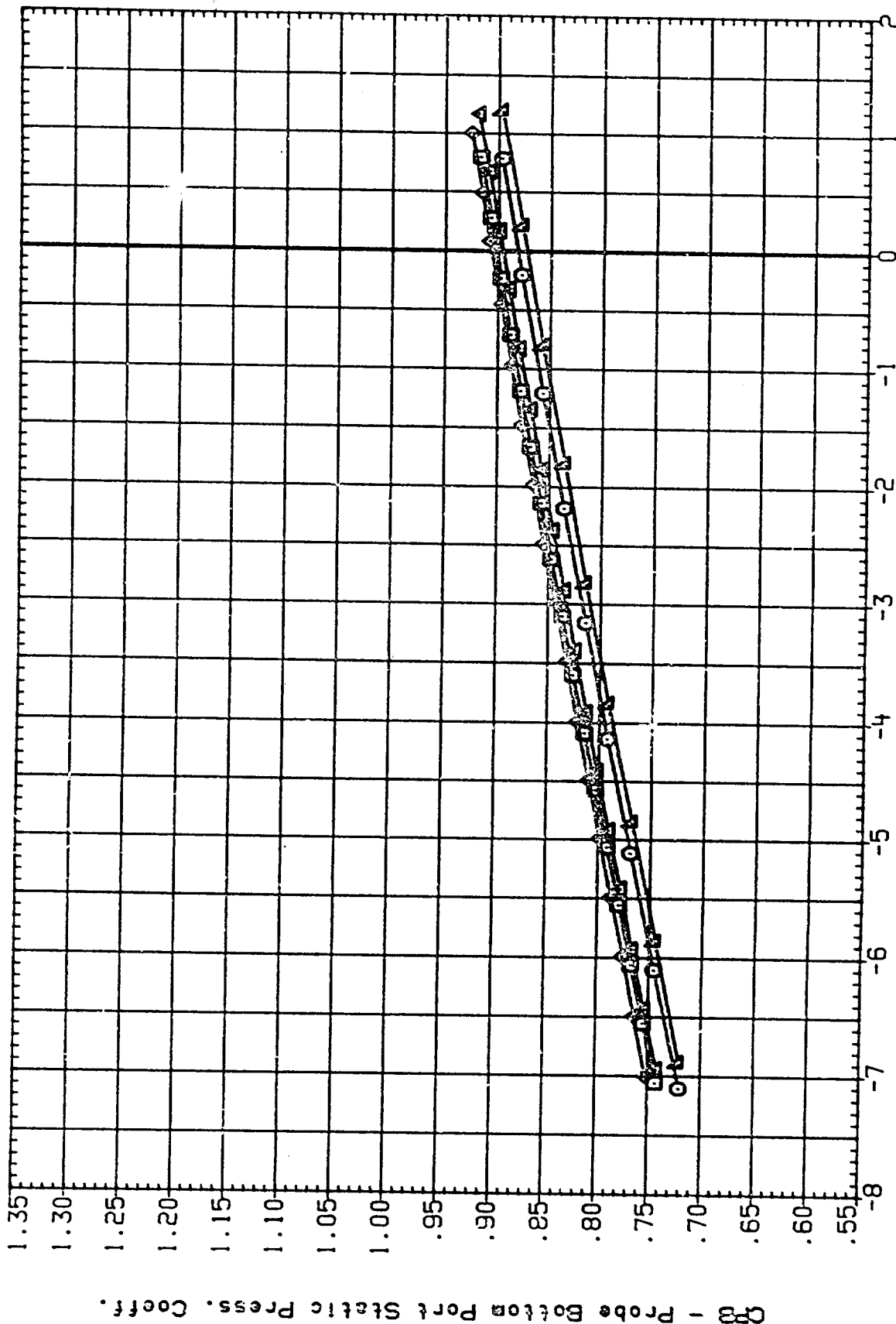


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

(B)MACH = .80

DATE 22 OCT 91

DATA SET SYMBOL

RC1042
RC1045
RC1049
RC1053
RC1056

CONFIGURATION

IA310 (AEDC 16TF-783) PROBE CALIBRATION
IA310 (AEDC 16TF-783) PROBE CALIBRATION
IA310 (AEDC 16TF-783) PROBE CALIBRATION
IA310 (AEDC 16TF-783) PROBE CALIBRATION
IA310 (AEDC 16TF-783) PROBE CALIBRATION

BETA PHI

-4.000 180.000
-2.000 180.000
2.000 180.000
4.000 180.000

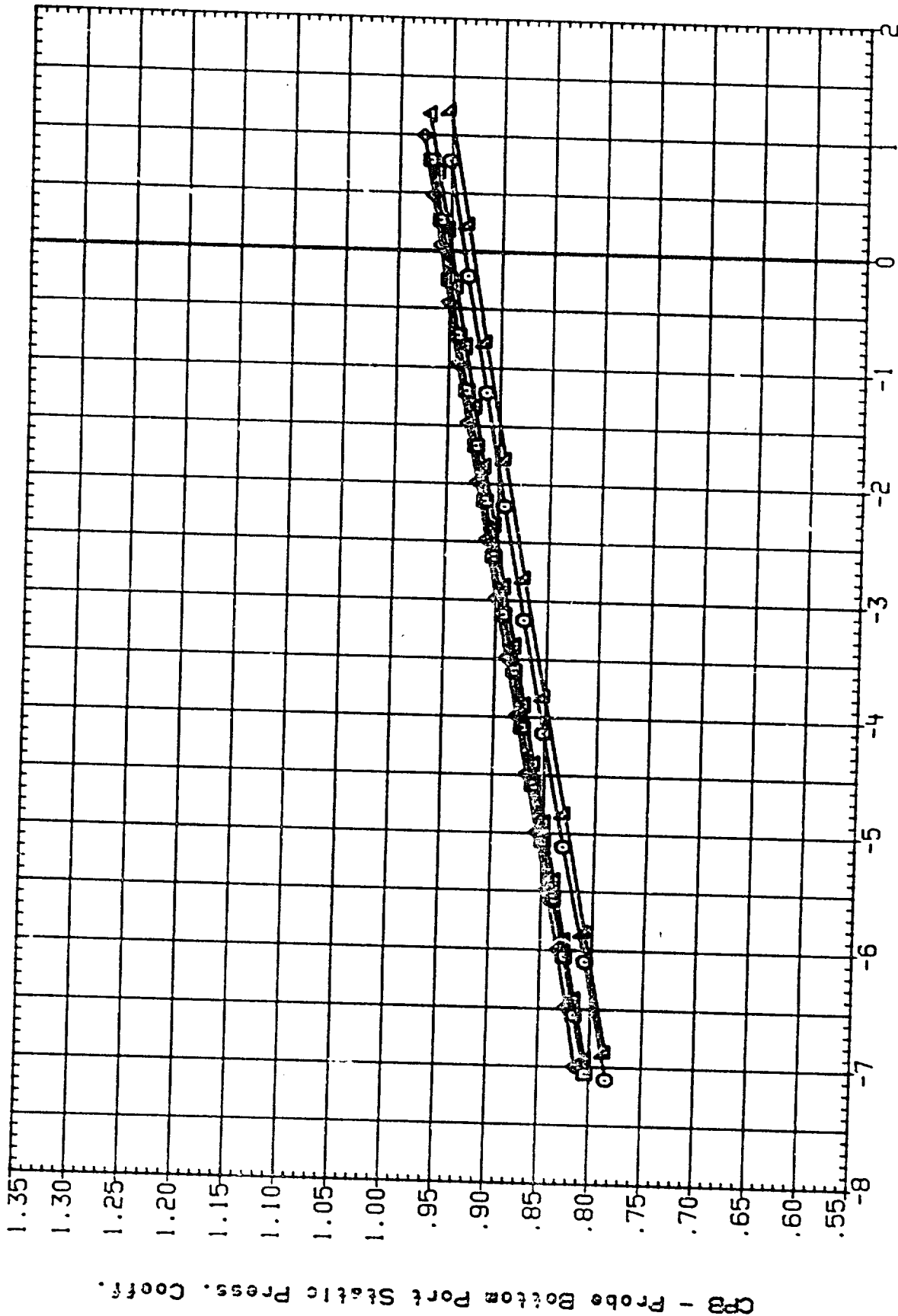


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

(C) IACH = .90

DATE 22 OCT 91

DATA SET SYMBOL

RC1042
RC1043
RC1049
RC1033
RC1038

CONFIGURATION

IA310 (AEDC 18TF-783) PROBE CALIBRATION
IA310 (AEDC 18TF-783) PROBE CALIBRATION
IA310 (AEDC 18TF-783) PROBE CALIBRATION
IA310 (AEDC 18TF-783) PROBE CALIBRATION
IA310 (AEDC 18TF-783) PROBE CALIBRATION

BETA

-4.000
-2.000
.000
2.000
4.000

PHI

180.000
180.000
180.000
180.000
180.000

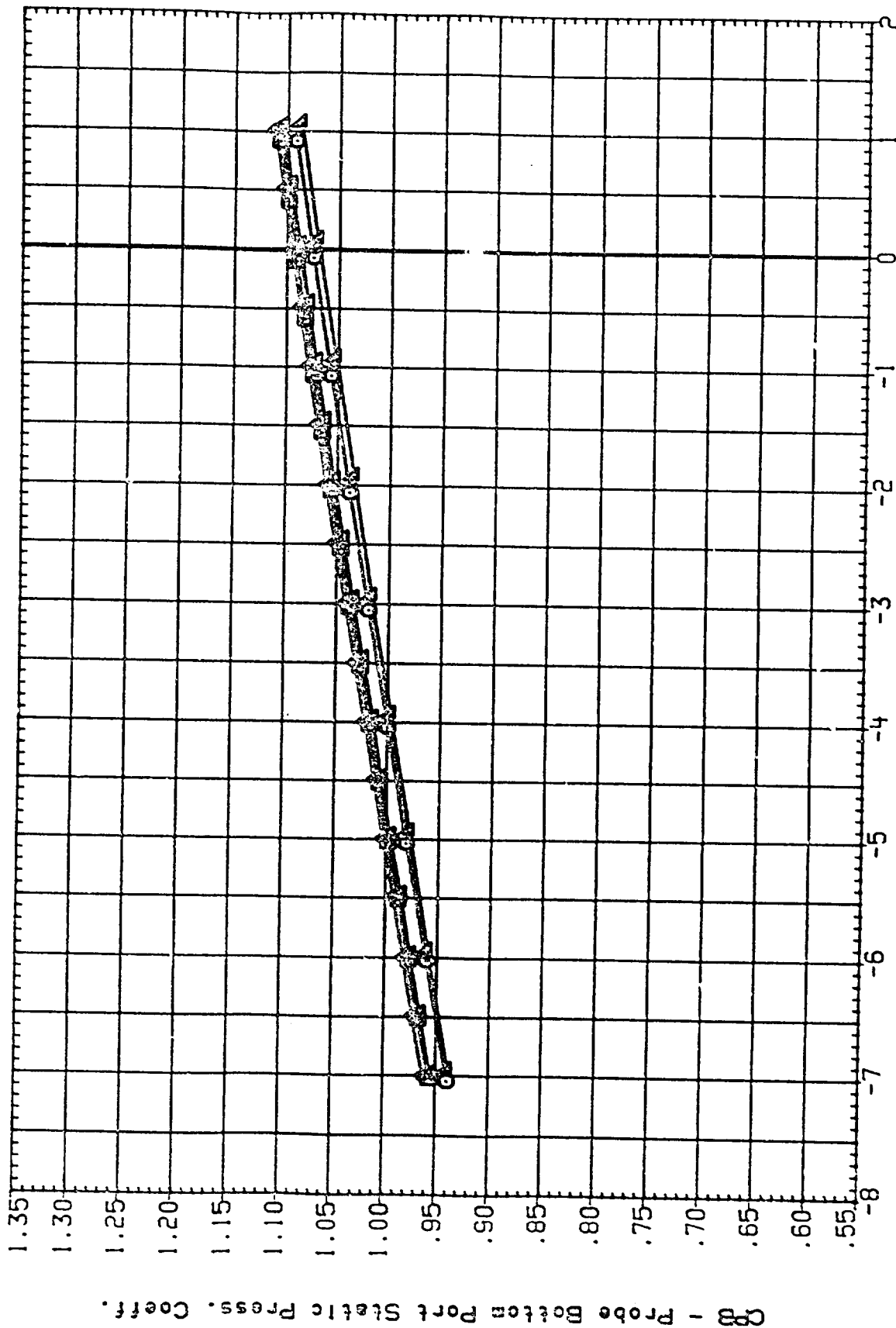


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

DATA SET SYMBOL

RCH042
 RCH045
 RCH049
 RCH033
 RCH038

CONFIGURATION

IA310 (AEDC 16TF-783) PROBE CALIBRATION
 IA310 (AEDC 16TF-783) PROBE CALIBRATION
 IA310 (AEDC 16TF-783) PROBE CALIBRATION
 IA310 (AEDC 16TF-783) PROBE CALIBRATION
 IA310 (AEDC 16TF-783) PROBE CALIBRATION

BETA

-4.000 180.000
 -2.000 180.000
 .000 180.000
 2.000 180.000
 4.000 180.000

PHI

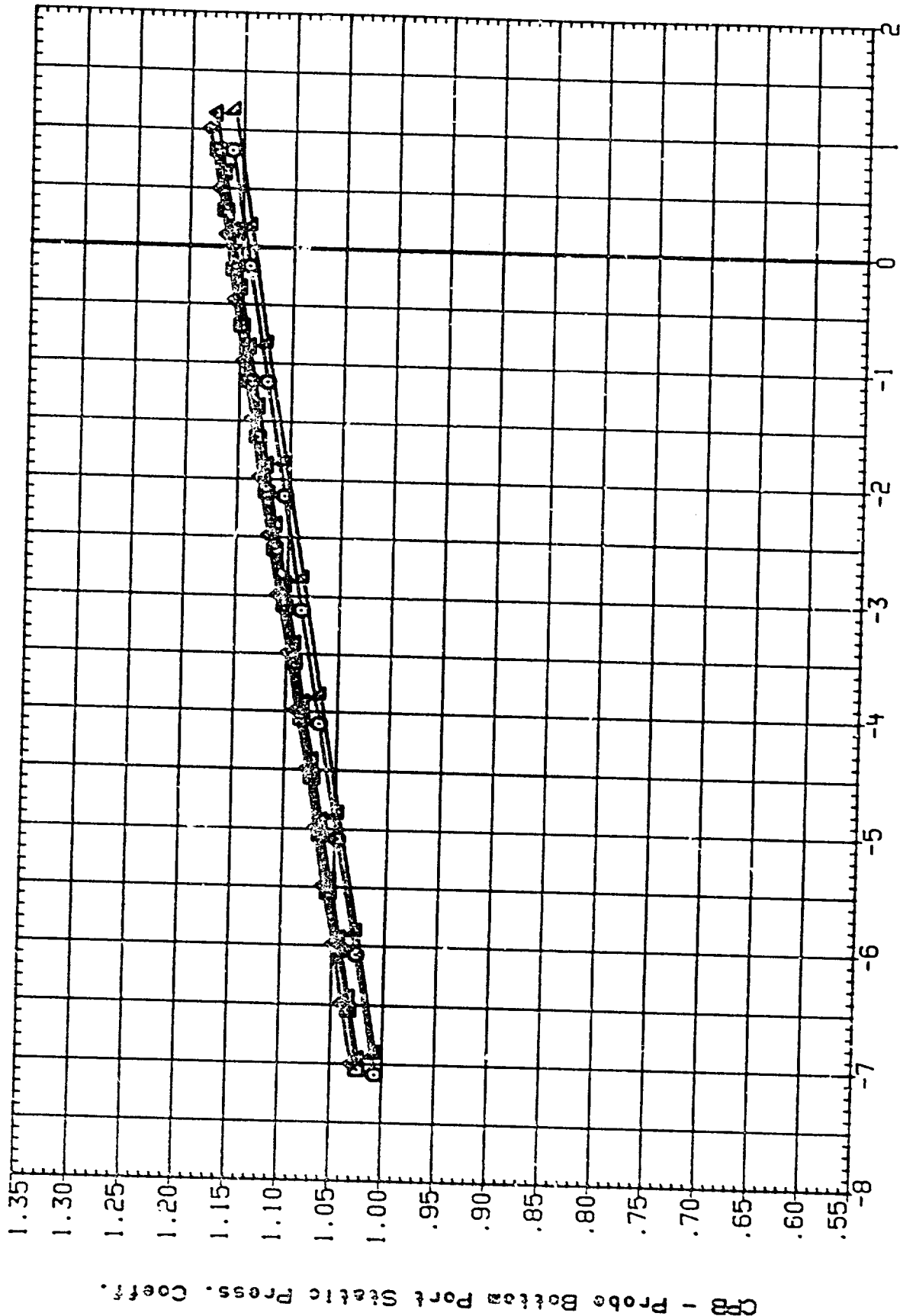


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

(E) CH = 1.25

DATE 22 OCT 91

DATA SET	SW/EQL	CONFIGURATION	BETA	PHI
RCN042	Q	IA310 (AEDC 181F-783) PROBE CALIBRATION	-4.000	180.000
RCN045	Q	IA310 (AEDC 181F-783) PROBE CALIBRATION	-2.000	180.000
RCN049	Q	IA310 (AEDC 181F-783) PROBE CALIBRATION	0.000	180.000
RCN053	Q	IA310 (AEDC 181F-783) PROBE CALIBRATION	2.000	180.000
RCN050	Q	IA310 (AEDC 181F-783) PROBE CALIBRATION	4.000	180.000

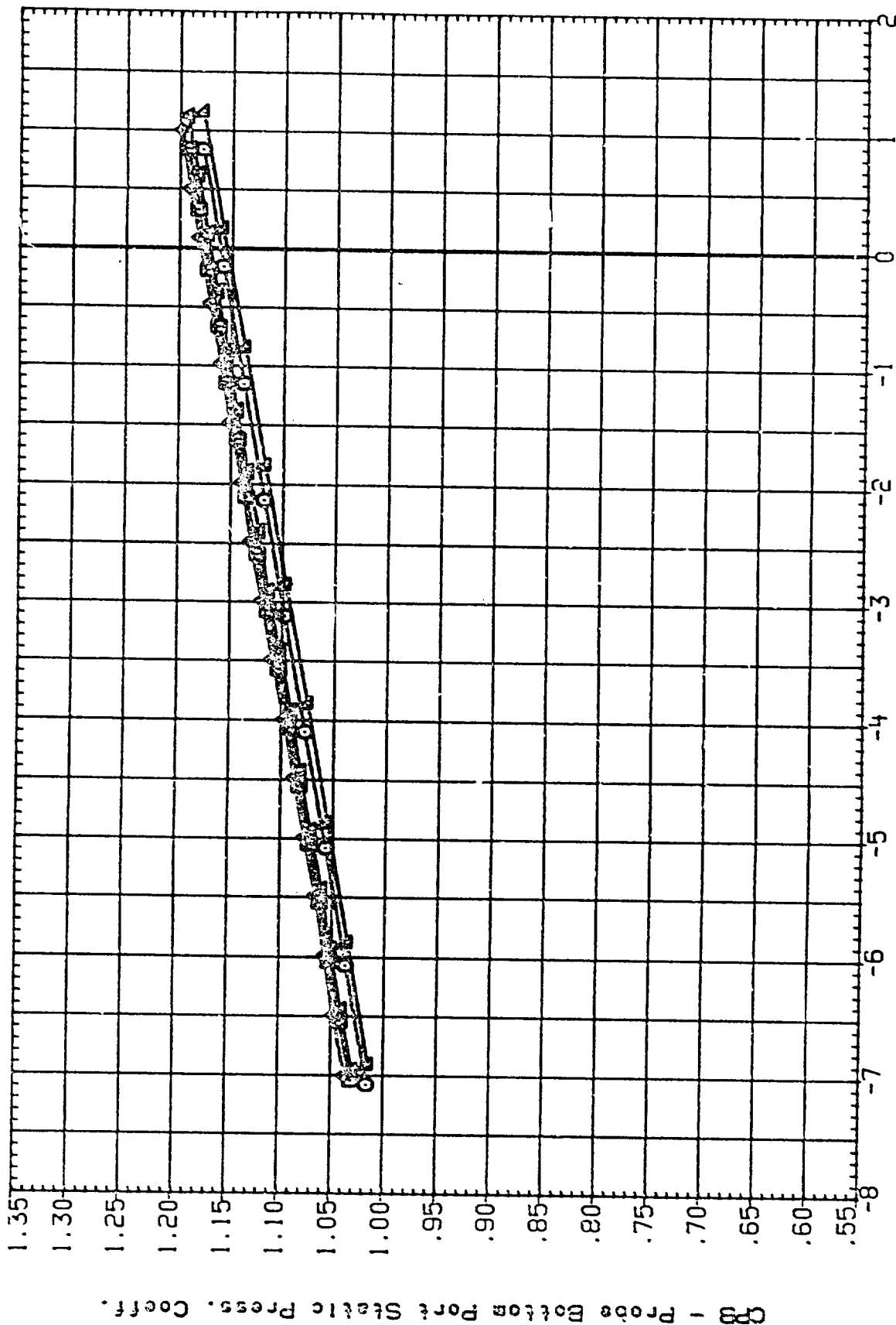


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

DATA SET SYMBOL

RGH042
RGH045
RGH049
RGH053
RGH056

CONFIGURATION

IA310 (AEDC 16TF-783) PROBE CALIBRATION
IA310 (AEDC 16TF-783) PROBE CALIBRATION
IA310 (AEDC 16TF-783) PROBE CALIBRATION
IA310 (AEDC 16TF-783) PROBE CALIBRATION
IA310 (AEDC 16TF-783) PROBE CALIBRATION

BETA PHI
-4.000 180.000
-2.000 180.000
2.000 180.000
4.000 180.000

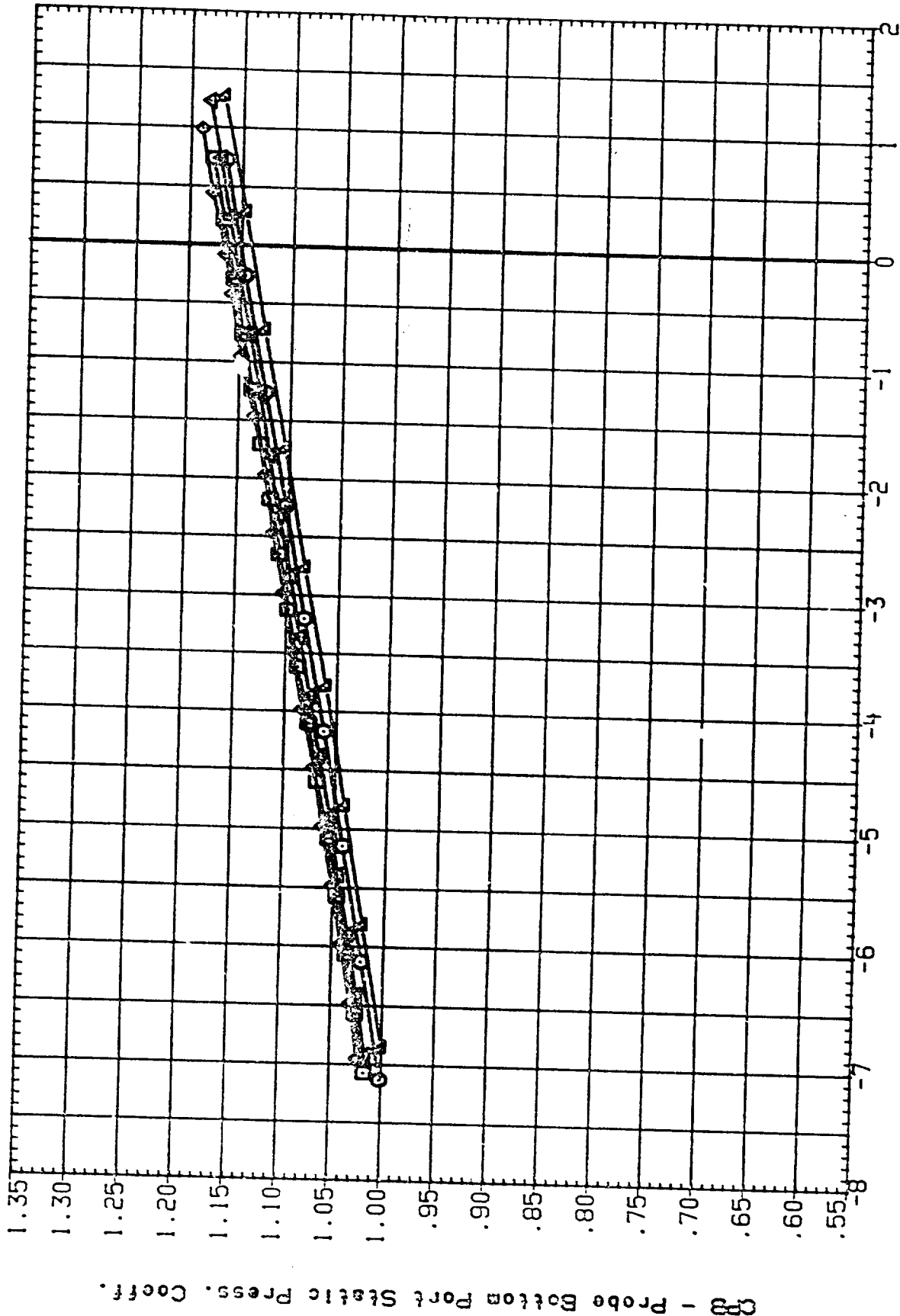


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

(G) CH = 1.45

DATE 1 OCT 91

DATA SET SYMBOL

RCH042
 RCH045
 RCH049
 RCH053
 RCH056

CONFIGURATION

IA310 (AEDC 16TF-783) PROBE CALIBRATION
 IA310 (AEDC 16TF-783) PROBE CALIBRATION
 IA310 (AEDC 16TF-783) PROBE CALIBRATION
 IA310 (AEDC 16TF-783) PROBE CALIBRATION
 IA310 (AEDC 16TF-783) PROBE CALIBRATION

2.000 180.000
 4.000 180.000

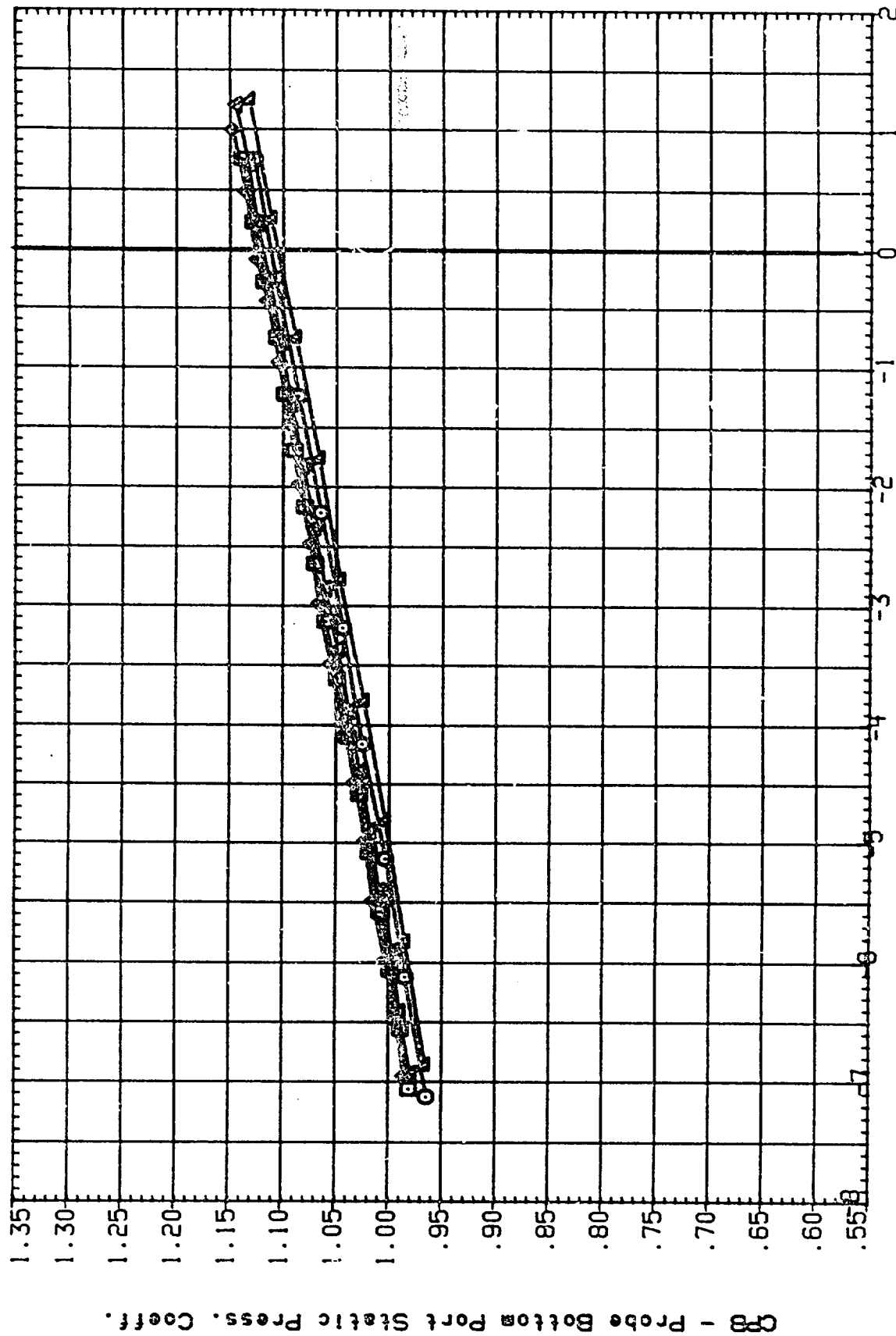


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

DATA SET SYMBOL

RCH042
 RCH045
 RCH049
 RCH033
 RCH056

CONFIGURATION

IA310 (AEDC 161F-783) PROBE CALIBRATION
 IA310 (AEDC 161F-783) PROBE CALIBRATION
 IA310 (AEDC 161F-783) PROBE CALIBRATION
 IA310 (AEDC 161F-783) PROBE CALIBRATION

BETA PHI
 -4.000 180.000
 -2.000 180.000
 .000 180.000
 2.000 180.000
 4.000 180.000

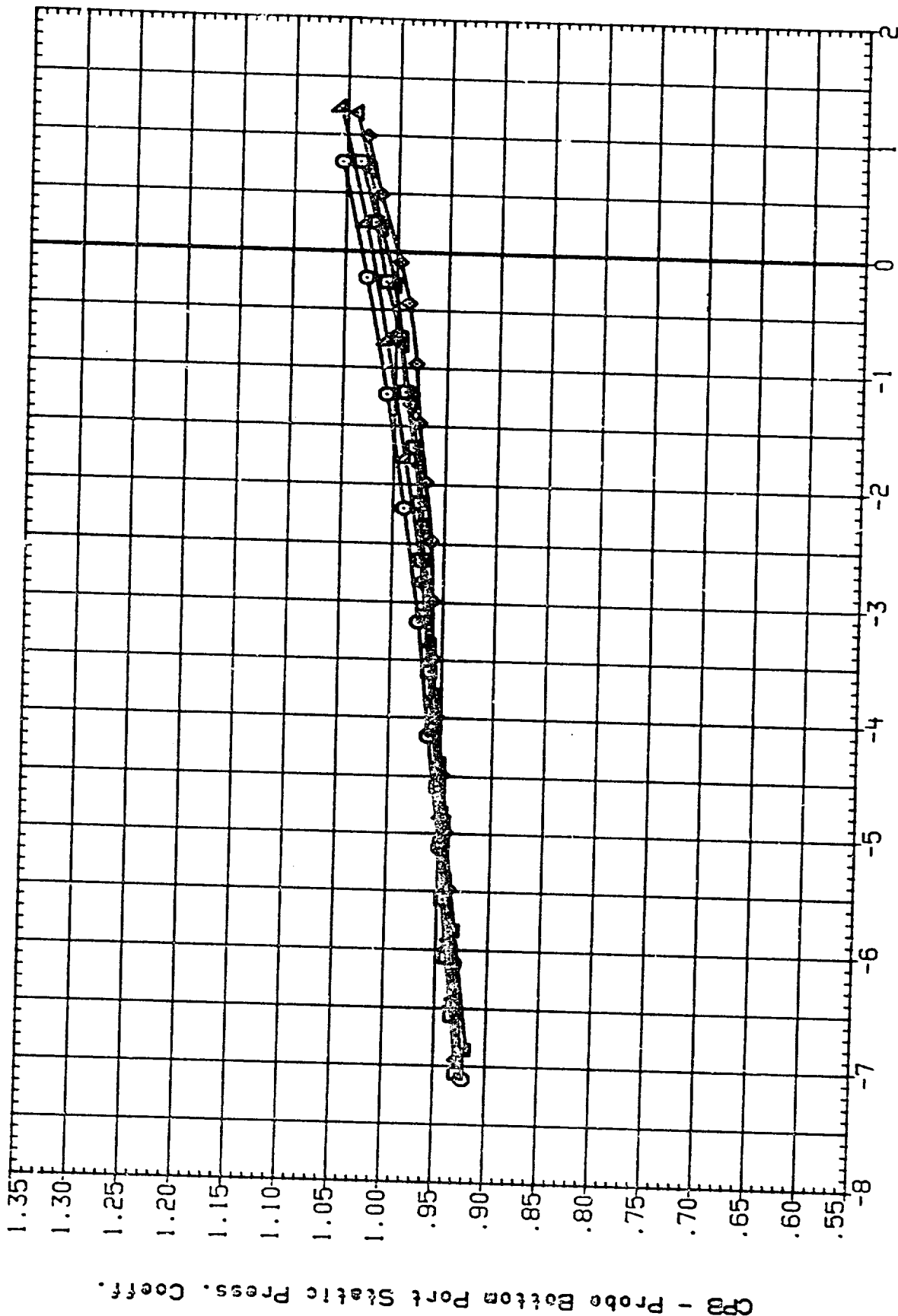


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

(N) ACH = 1.49

DATE 22 OCT 91

DATA SET SYMBOL

IA310 (AEDC 16TF-783) PROBE CALIBRATION
 IA310 (AEDC 16TF-783) PROBE CALIBRATION
 IA310 (AEDC 16TF-783) PROBE CALIBRATION
 IA310 (AEDC 16TF-783) PROBE CALIBRATION

BETA PHI
 -4.000 180.000
 -2.000 180.000
 .000 180.000
 2.000 180.000
 4.000 180.000

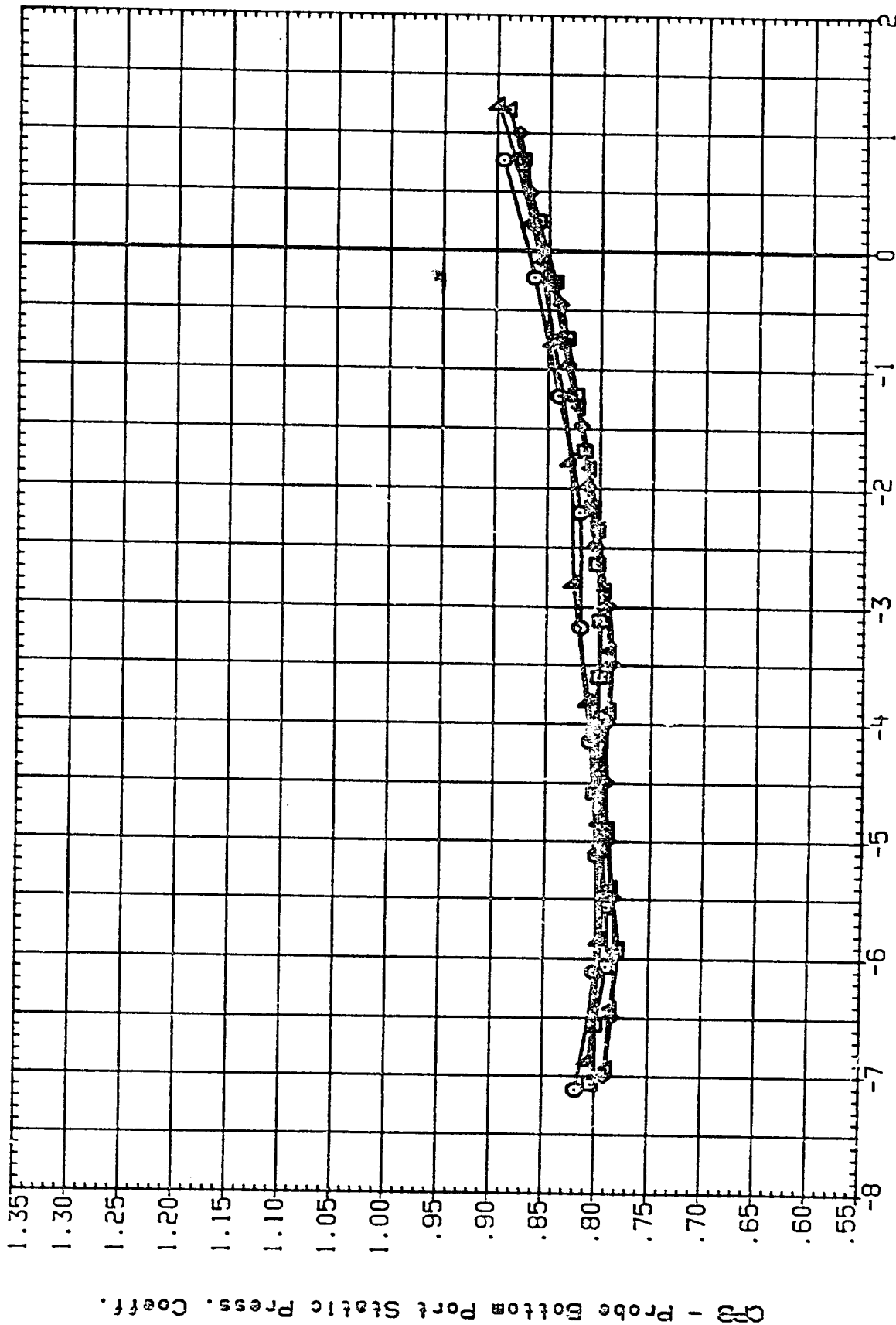


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

DATA SET SYMBOL

RC1042
RC1045
RC1049
RC1053
RC1056

CONFIGURATION

IA310 (AEDC 16TF-783) PROBE CALIBRATION
IA310 (AEDC 16TF-783) PROBE CALIBRATION
IA310 (AEDC 16TF-783) PROBE CALIBRATION
IA310 (AEDC 16TF-783) PROBE CALIBRATION
IA310 (AEDC 16TF-783) PROBE CALIBRATION

BETA PHI
-4.000 180.000
-2.000 180.000
.000 180.000
2.000 180.000
4.000 180.000

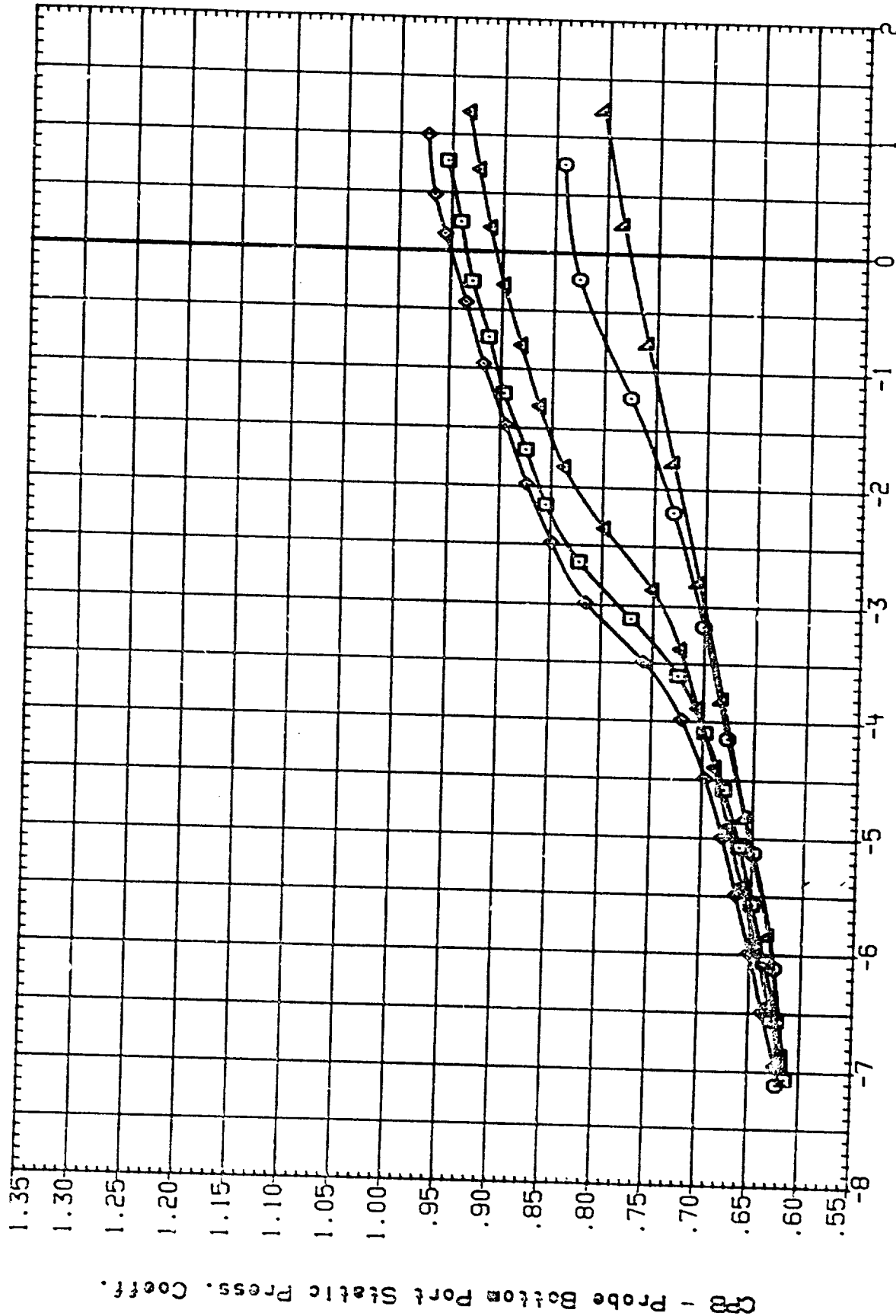


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

(K) CH = 1.54

DATE 22 OCT 91

DATA SET SYMBO	CONFIGURATION	BETA	PHI
SCH042	IA310 (AEDC 16TF-783) PROBE CALIBRATION	-4.000	180.000
SCH045	IA310 (AEDC 16TF-783) PROBE CALIBRATION	-2.000	180.000
SCH049	IA310 (AEDC 16TF-783) PROBE CALIBRATION	.000	180.000
SCH053	IA310 (AEDC 16TF-783) PROBE CALIBRATION	2.000	180.000
SCH056	IA310 (AEDC 16TF-783) PROBE CALIBRATION	4.000	180.000

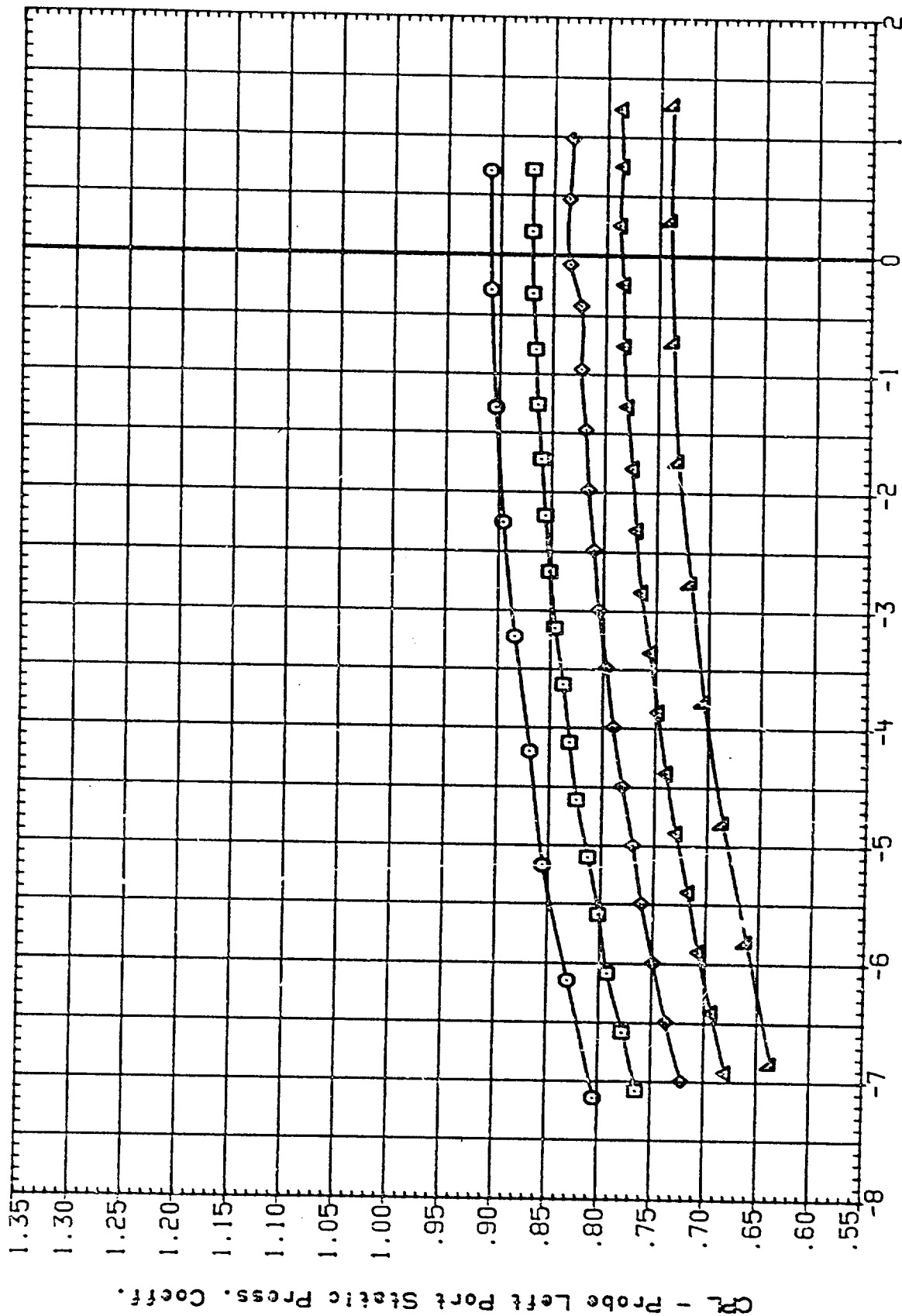


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

DATA SET SYMBOL

SCH042
SCH043
SCH049
SCH053
SCH053

CONFIGURATION

IA310 (AEDC 16TF-783) PROBE CALIBRATION
IA310 (AEDC 16TF-783) PROBE CALIBRATION
IA310 (AEDC 16TF-783) PROBE CALIBRATION
IA310 (AEDC 16TF-783) PROBE CALIBRATION
IA310 (AEDC 16TF-783) PROBE CALIBRATION

ZETA

-4.000
-2.000
2.000
4.000

PHI

180.000
180.000
180.000
180.000

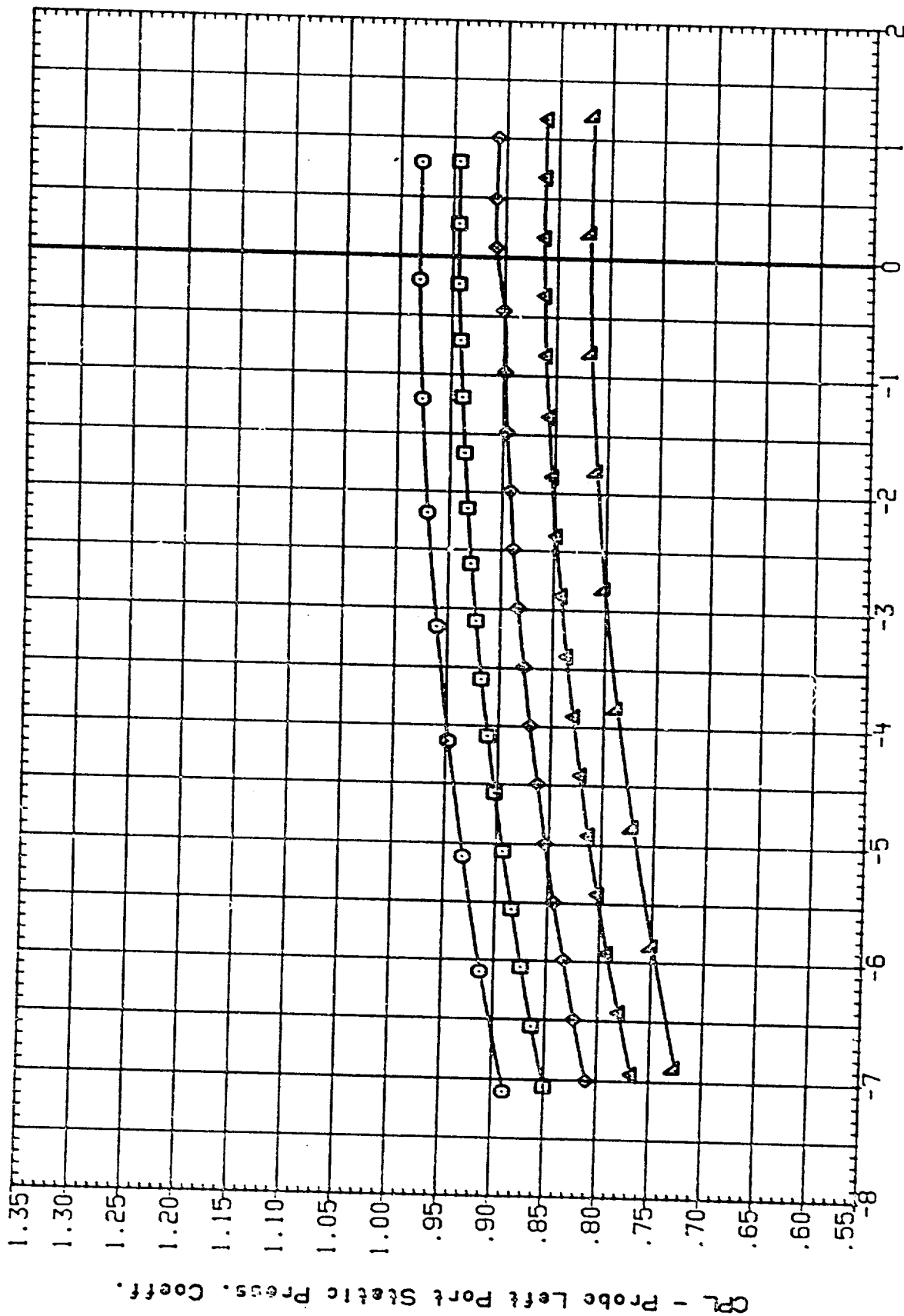


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

DATA SET SYMBOL

SCH042
SCH045
SCH049
SCH053
SCH055

CONFIGURATION

IA310 (AEDC 16TF-783) PROBE CALIBRATION
IA310 (AEDC 16TF-783) PROBE CALIBRATION
IA310 (AEDC 16TF-783) PROBE CALIBRATION
IA310 (AEDC 16TF-783) PROBE CALIBRATION
IA310 (AEDC 16TF-783) PROBE CALIBRATION

BETA

-4.000
-2.000
.000
2.000
4.000

PHI

180.000
180.000
180.000
180.000
180.000

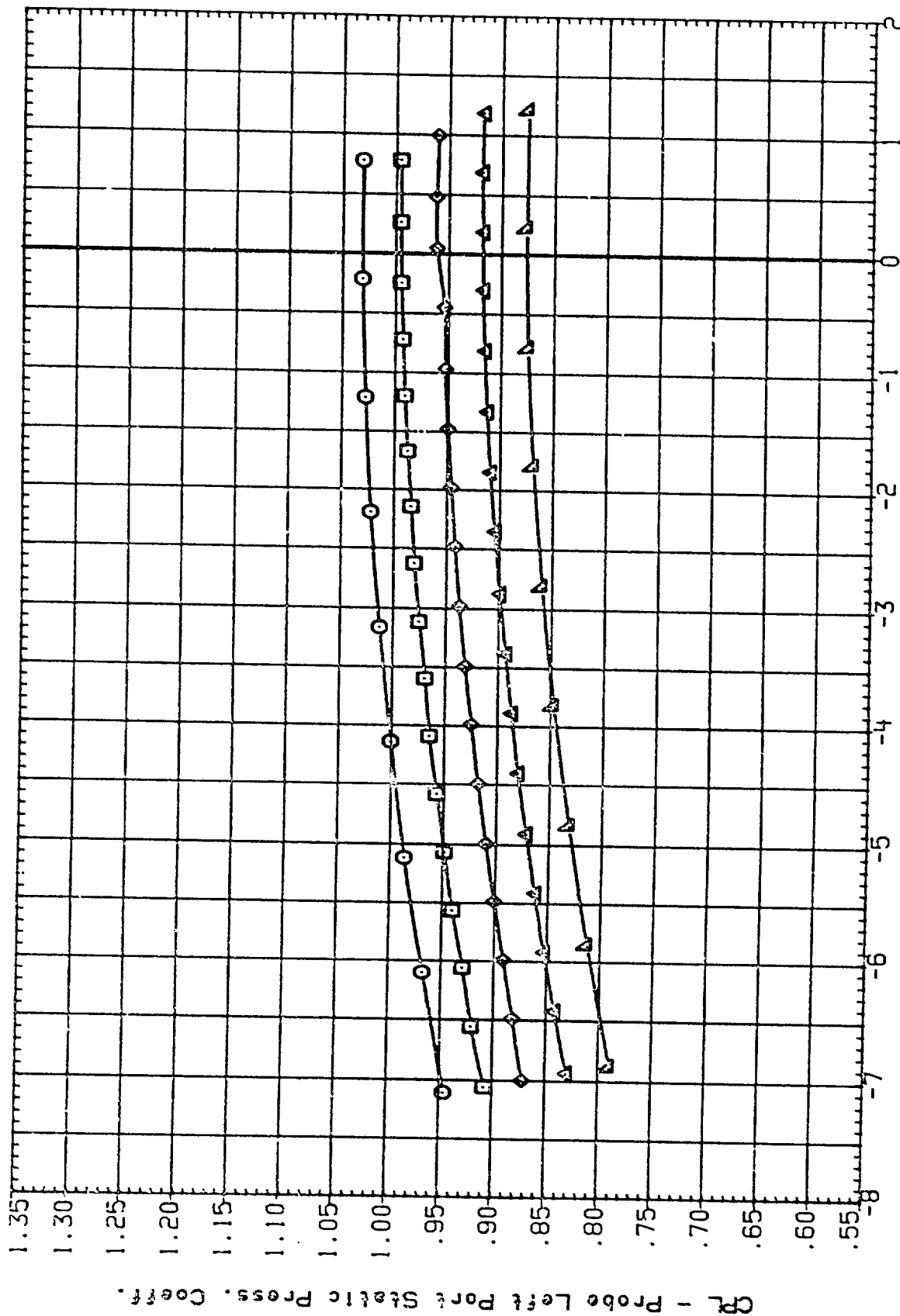


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

DATA SET SYMBOL

SCI042
SCI045
SCI049
SCI053
SCI056

CONFIGURATION

IA310 (AEDC 16TF-783) PROBE CALIBRATION
IA310 (AEDC 16TF-783) PROBE CALIBRATION
IA310 (AEDC 16TF-783) PROBE CALIBRATION
IA310 (AEDC 16TF-783) PROBE CALIBRATION
IA310 (AEDC 16TF-783) PROBE CALIBRATION

BETA PHI
-4.000 180.000
-2.000 180.000
.000 180.000
2.000 180.000
4.000 180.000

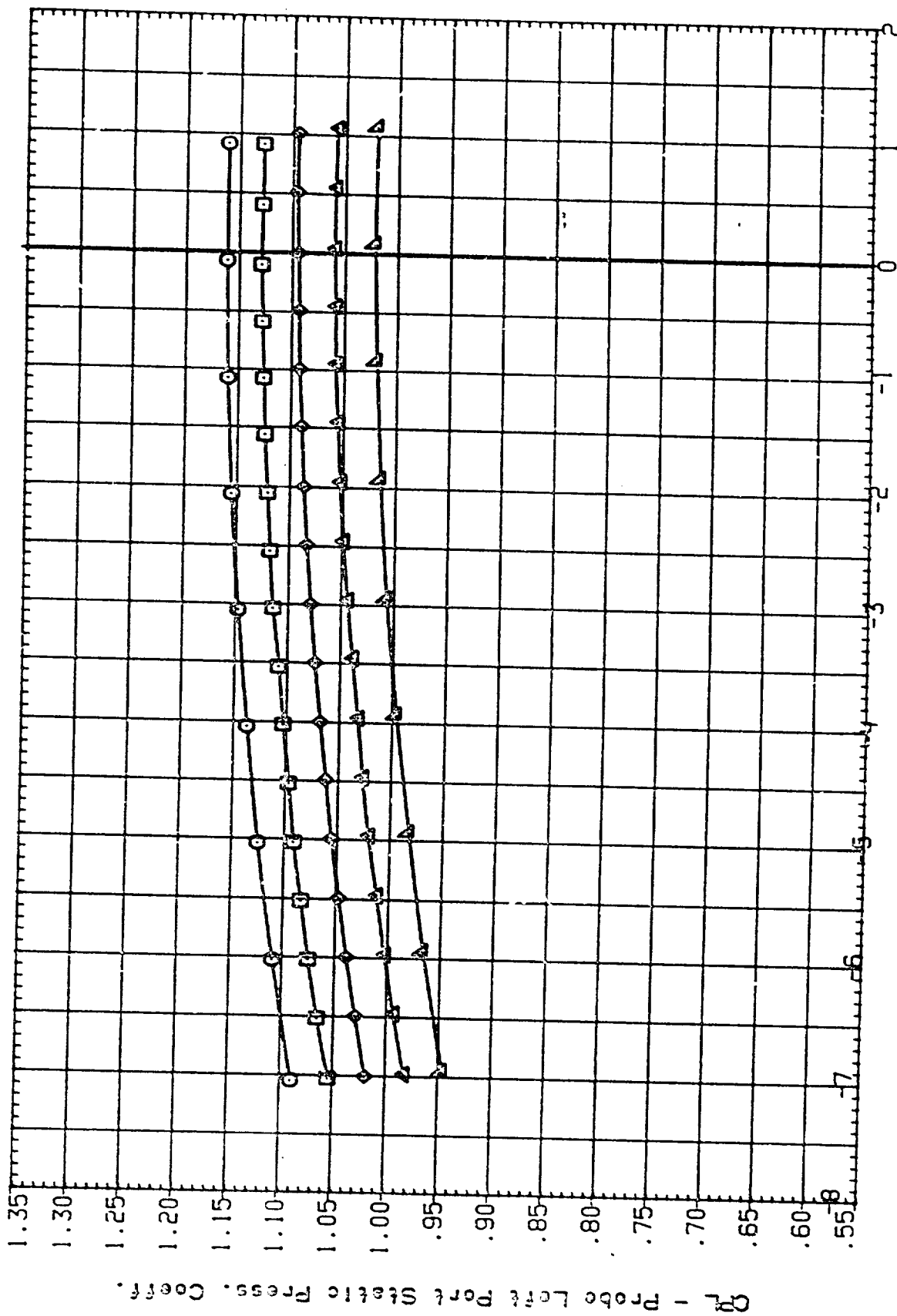


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

(D) MACH = 1.10

DATE 22 OCT 91

DATA SET SYMBOL

SCH012
SCH015
SCH039
SCH053
SCH058

CONFIGURATION

IA310 (AEDC 181F-783) PROBE CALIBRATION
IA310 (AEDC 181F-783) PROBE CALIBRATION
IA310 (AEDC 181F-783) PROBE CALIBRATION
IA310 (AEDC 181F-783) PROBE CALIBRATION
IA310 (AEDC 181F-783) PROBE CALIBRATION

BETA PHI

-4.000 180.000
-2.000 180.000
2.000 180.000
4.000 180.000

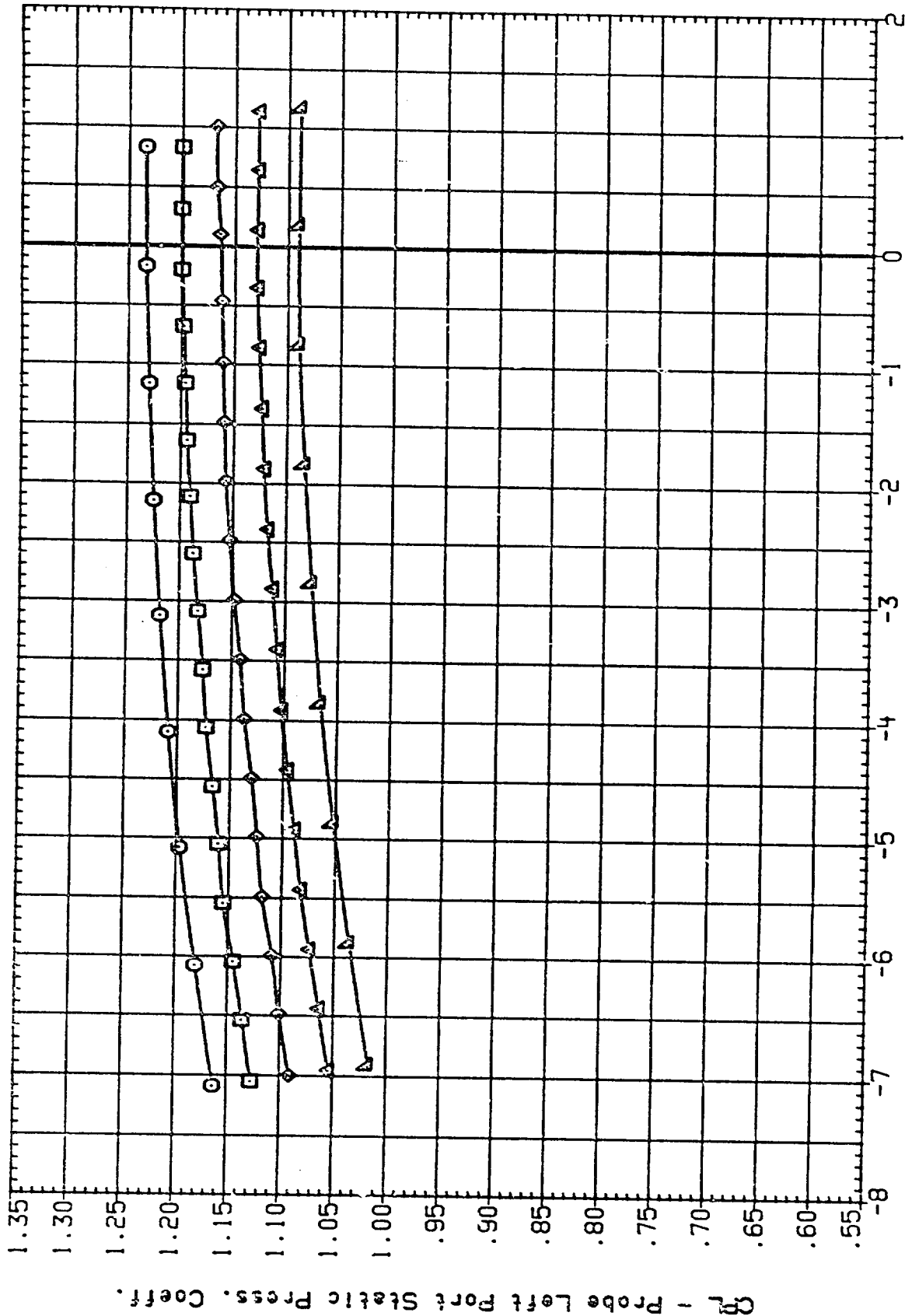


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

DATA SET SYMBOL

SCH042
SCH045
SCH049
SCH1033
SCH035

CONFIGURATION

IA310 (AEDC 16TF-783) PROBE CALIBRATION
IA310 (AEDC 16TF-783) PROBE CALIBRATION
IA310 (AEDC 16TF-783) PROBE CALIBRATION
IA310 (AEDC 16TF-783) PROBE CALIBRATION

BETA

-4.000
-2.000
.000
2.000
4.000

PHI

180.000
180.000
180.000
180.000
180.000

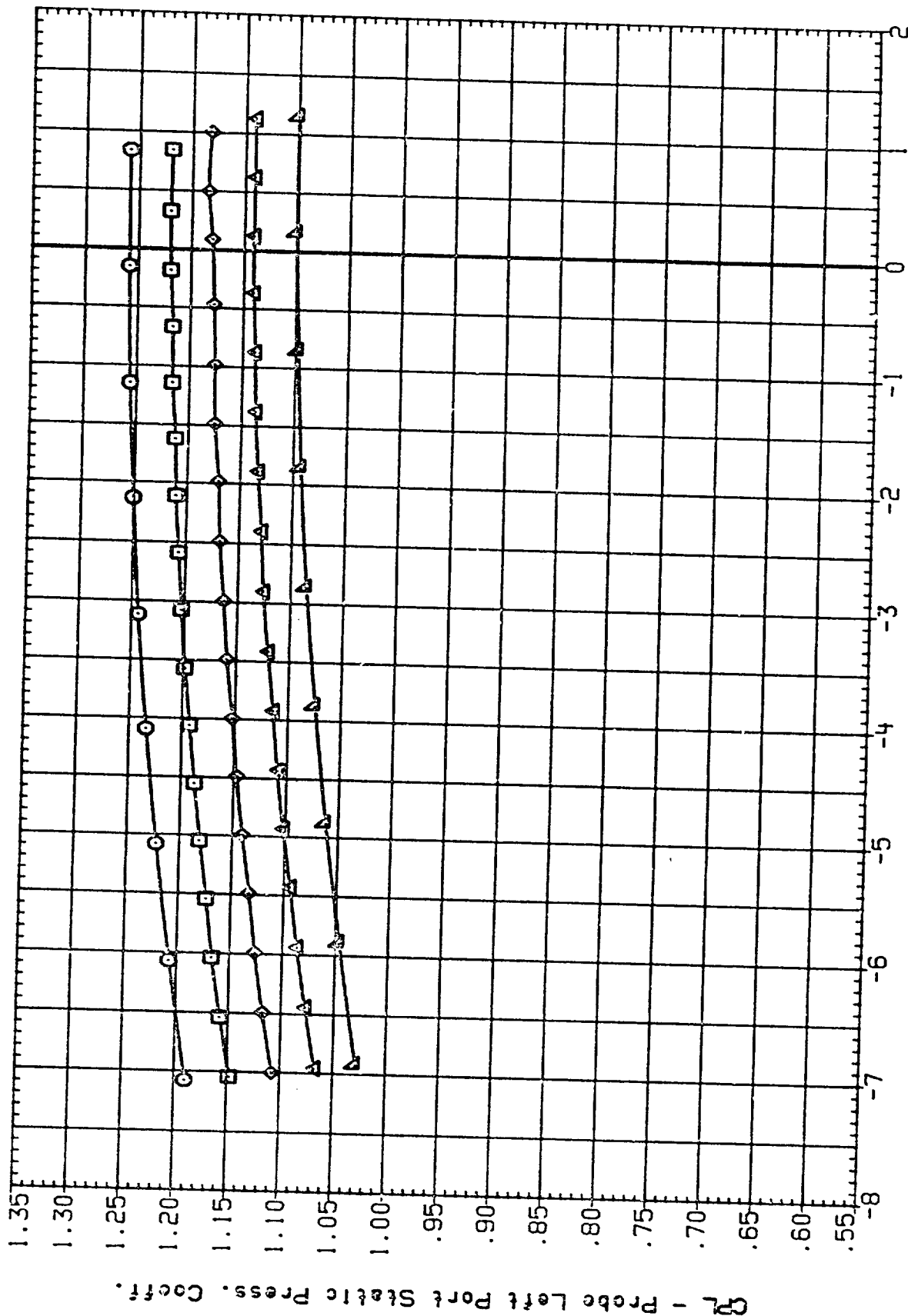


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

(R) ACH = 1.40

DATE 2 OCT 91

DATA SET SW20L

SCH042
 SCH045
 SCH049
 SCH053
 SCH056

CONFIGURATION

IA310 (AEDC 16TF-783) PROBE CALIBRATION
 IA310 (AEDC 16TF-783) PROBE CALIBRATION
 IA310 (AEDC 16TF-783) PROBE CALIBRATION
 IA310 (AEDC 16TF-783) PROBE CALIBRATION
 IA310 (AEDC 16TF-783) PROBE CALIBRATION

BETA

-4.000
 -2.000
 .000
 2.000
 4.000

PHI

180.000
 180.000
 180.000
 180.000
 180.000

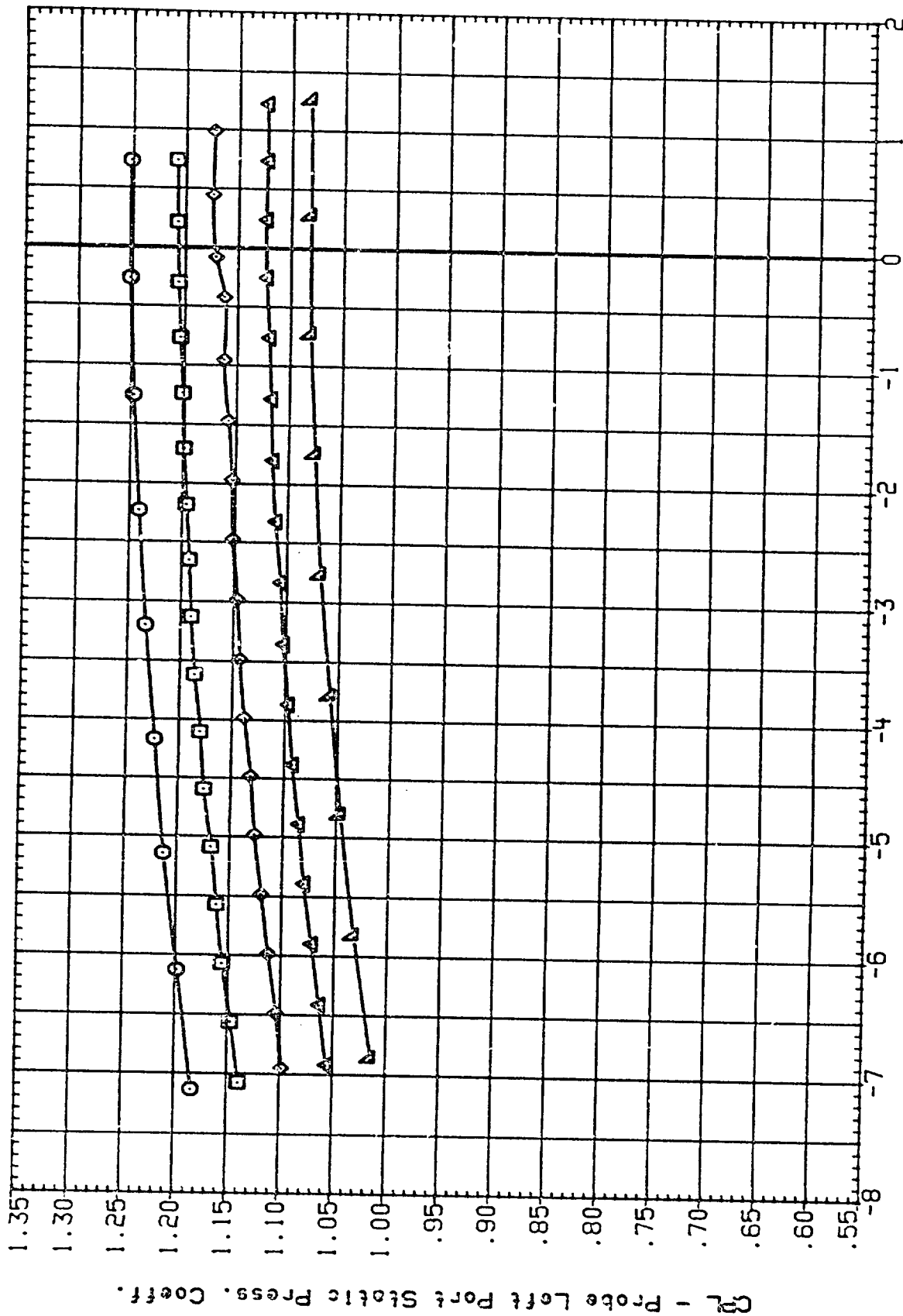


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

(G)MACH = 1.45

DATE 22 OCT 91

DATA SET SYMBOL

SC10012
SC10045
SC10049
SC10053
SC10058

CONFIGURATION

IA310 (AEDC 16TF-783) PROBE CALIBRATION
IA310 (AEDC 16TF-783) PROBE CALIBRATION
IA310 (AEDC 16TF-783) PROBE CALIBRATION
IA310 (AEDC 16TF-783) PROBE CALIBRATION
IA310 (AEDC 16TF-783) PROBE CALIBRATION

BETA PHI

-4.000 180.000
-2.000 180.000
.000 180.000
2.000 180.000
4.000 180.000

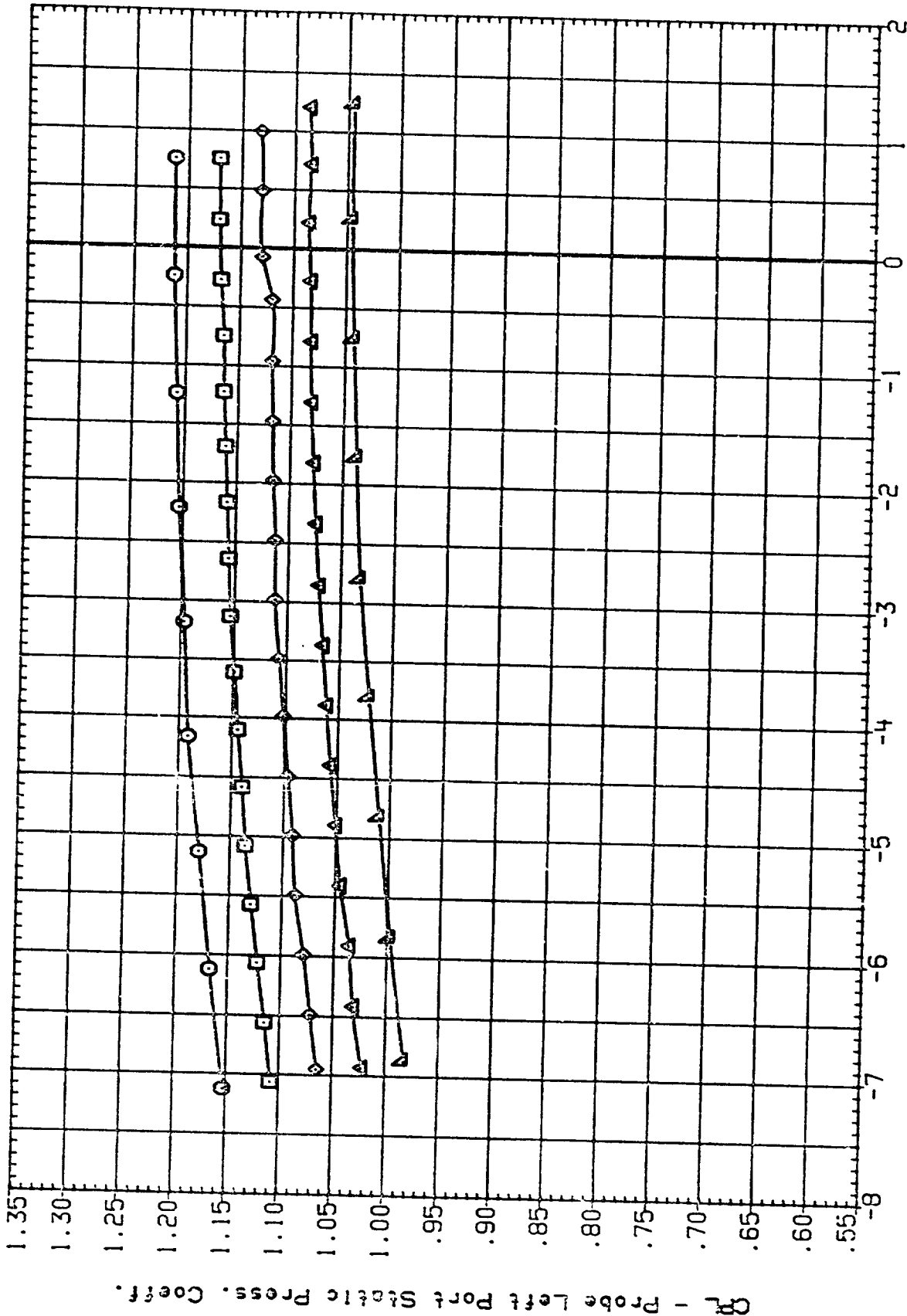


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

(H) ACH = 1.47

DATE 2 OCT 91

PAGE

50

DATA SET SYMBOL CONFIGURATION

SCH042	IA310 (AEDC 16TF-783) PROGE CALIBRATION
SCH045	IA310 (AEDC 16TF-783) PROGE CALIBRATION
SCH049	IA310 (AEDC 16TF-783) PROGE CALIBRATION
SCH033	IA310 (AEDC 16TF-783) PROGE CALIBRATION
SCH028	IA310 (AEDC 16TF-783) PROGE CALIBRATION

BETA PHI

-4.000	180.000
-2.000	180.000
.000	180.000
2.000	180.000
4.000	180.000

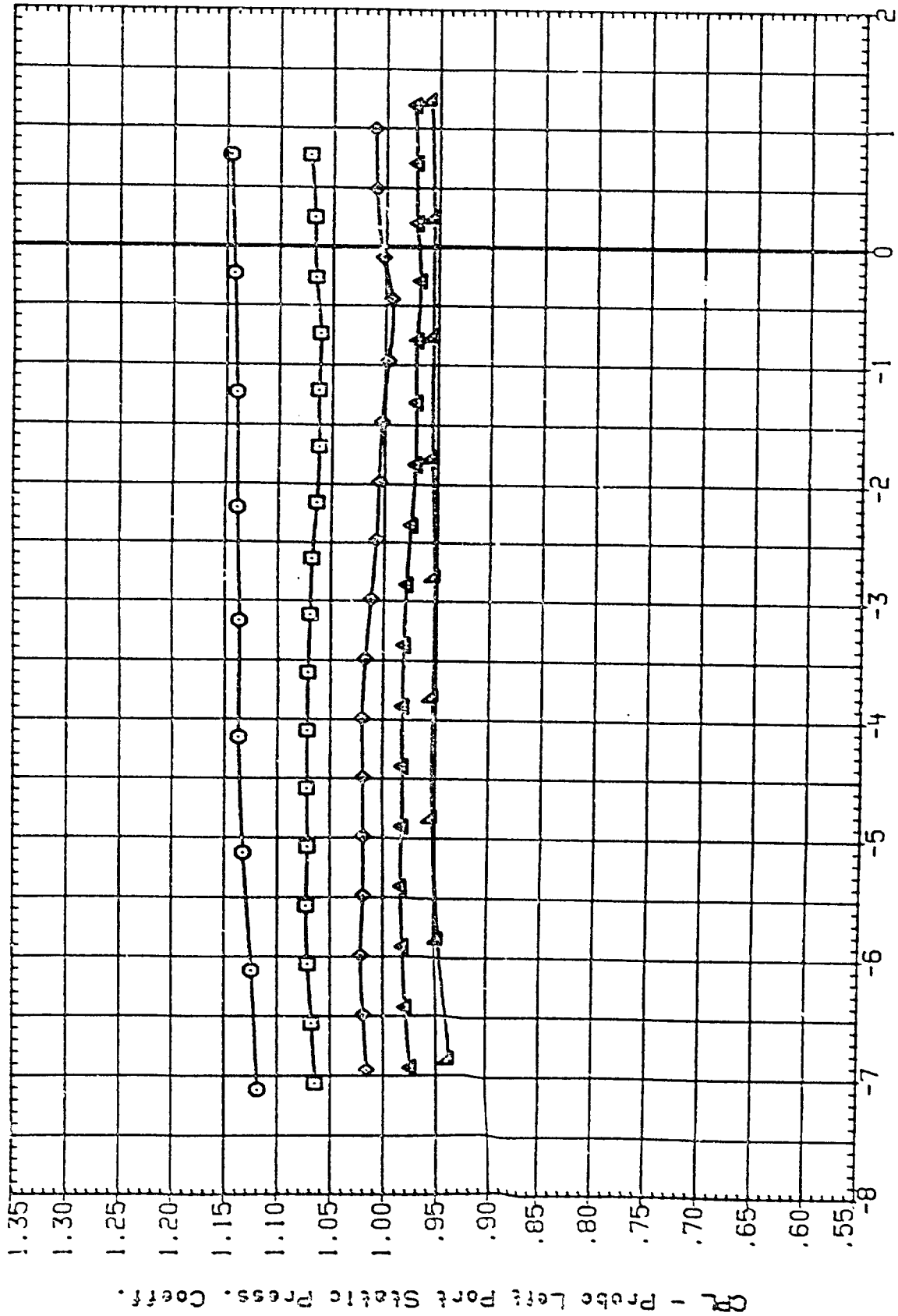


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

DATA SET SYMBOL

SC1012
SC1013
SC1014
SC1015
SC1016
SC1017

CONFIGURATION

IA310 (AEDC 18TF-783) PROBE CALIBRATION
IA310 (AEDC 18TF-783) PROBE CALIBRATION
IA310 (AEDC 18TF-783) PROBE CALIBRATION
IA310 (AEDC 18TF-783) PROBE CALIBRATION
IA310 (AEDC 18TF-783) PROBE CALIBRATION

BETA PHI
-4.000 180.000
-2.000 180.000
2.000 180.000
4.000 180.000

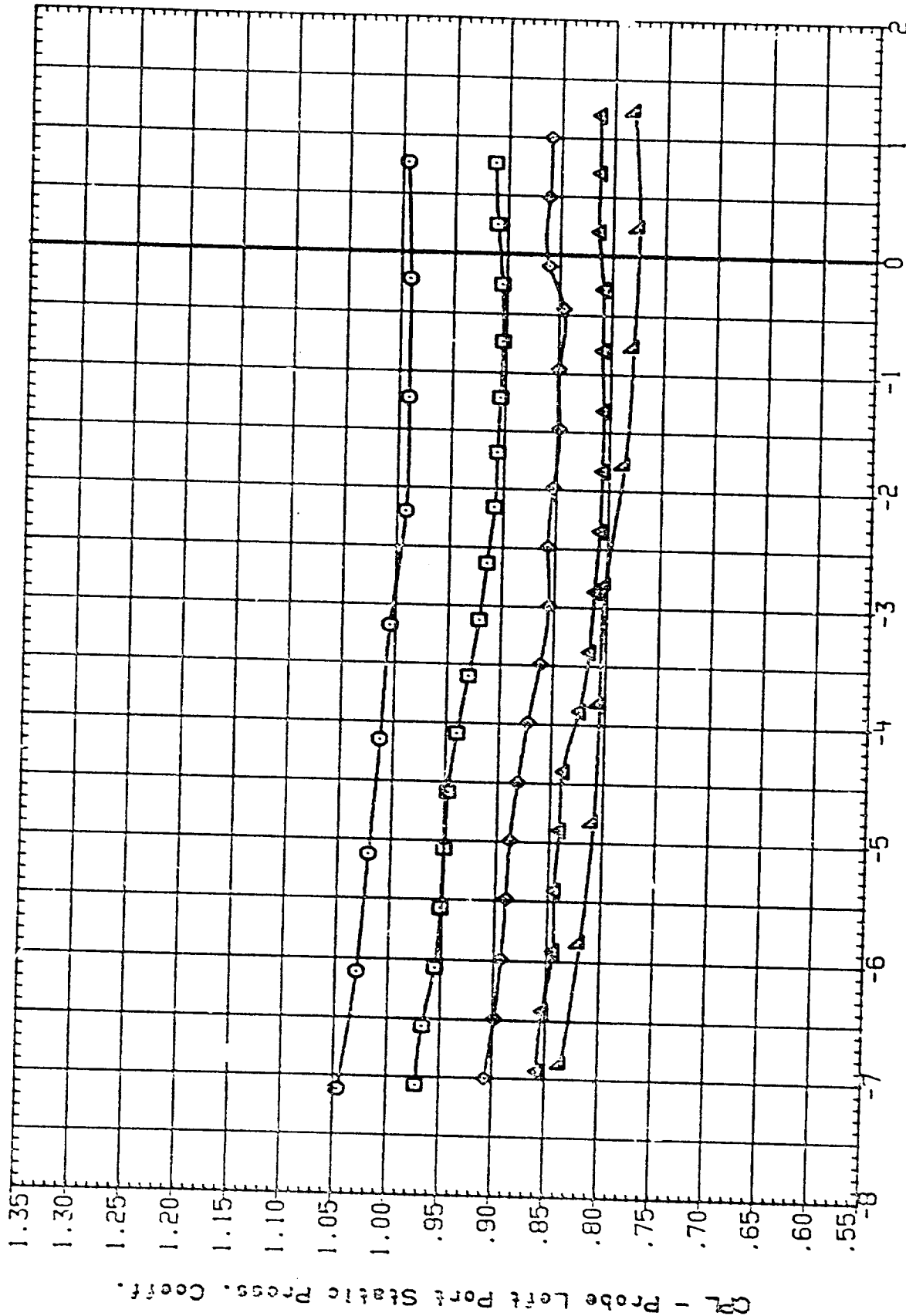


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

DATA SET SYMBOL	CONFIGURATION	PHI	PETA
SC1042	IA310 (AEDC 161F-783) PROBE CALIBRATION	-4.000	180.000
SC1045	IA310 (AEDC 161F-783) PROBE CALIBRATION	-2.000	180.000
SC1049	IA310 (AEDC 161F-783) PROBE CALIBRATION	.000	180.000
SC1053	IA310 (AEDC 161F-783) PROBE CALIBRATION	2.000	180.000
SC1056	IA310 (AEDC 161F-783) PROBE CALIBRATION	4.000	180.000

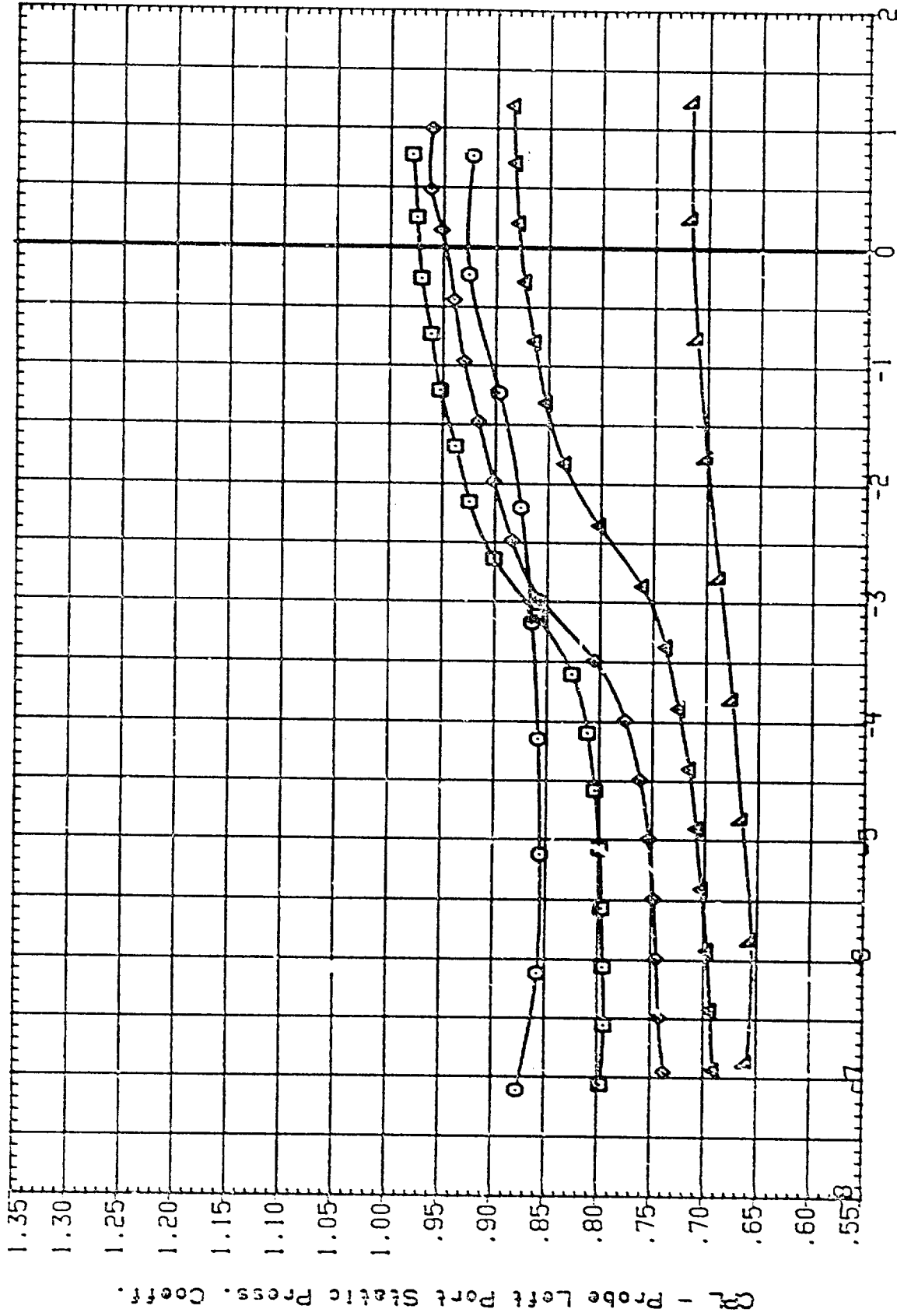


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

DATA SET SYMBOL

SCH042
SCH045
SCH1549
SCH033
SCH035

CONFIGURATION

IA310 (AEDC 16TF-783) PROBE CALIBRATION
IA310 (AEDC 16TF-783) PROBE CALIBRATION
IA310 (AEDC 16TF-783) PROBE CALIBRATION
IA310 (AEDC 16TF-783) PROBE CALIBRATION
IA310 (AEDC 16TF-783) PROBE CALIBRATION

BETA PHI

-4.000 180.000
-2.000 180.000
.000 180.000
2.000 180.000
4.000 180.000

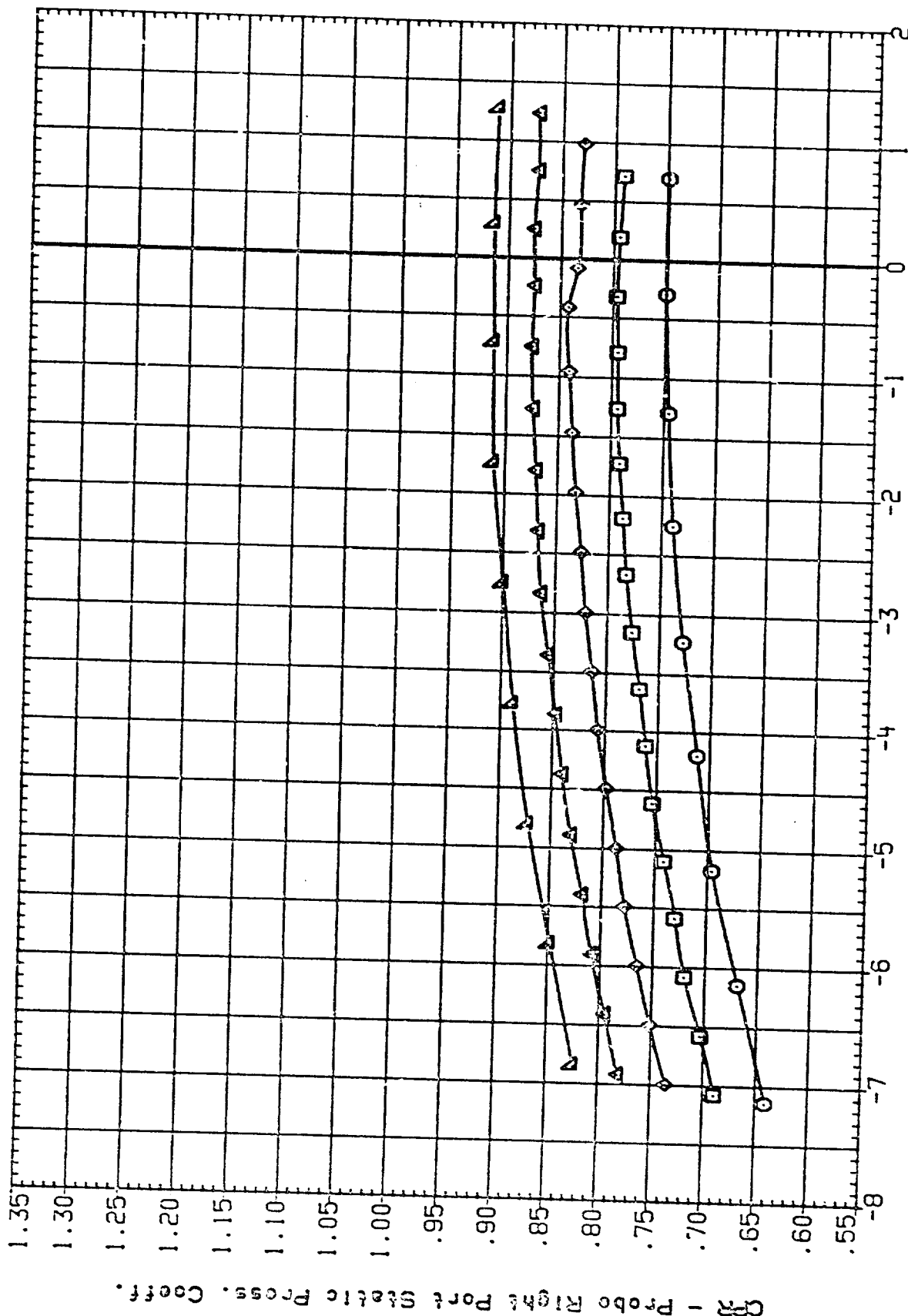


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

(A) 'ACH = .60

DATE (2 OCT 91

PAGE

57

DATA SET SYMBOL

SC1042
SC1045
SC1049
SC1053
SC1055

CONFIGURATION

IA310 (AEDC 16TF-783) PROBE CALIBRATION
IA310 (AEDC 16TF-783) PROBE CALIBRATION
IA310 (AEDC 16TF-783) PROBE CALIBRATION
IA310 (AEDC 16TF-783) PROBE CALIBRATION
IA310 (AEDC 16TF-783) PROBE CALIBRATION

BETA PHI

-4.000 180.000
-2.000 180.000
.000 180.000
2.000 180.000
4.000 180.000

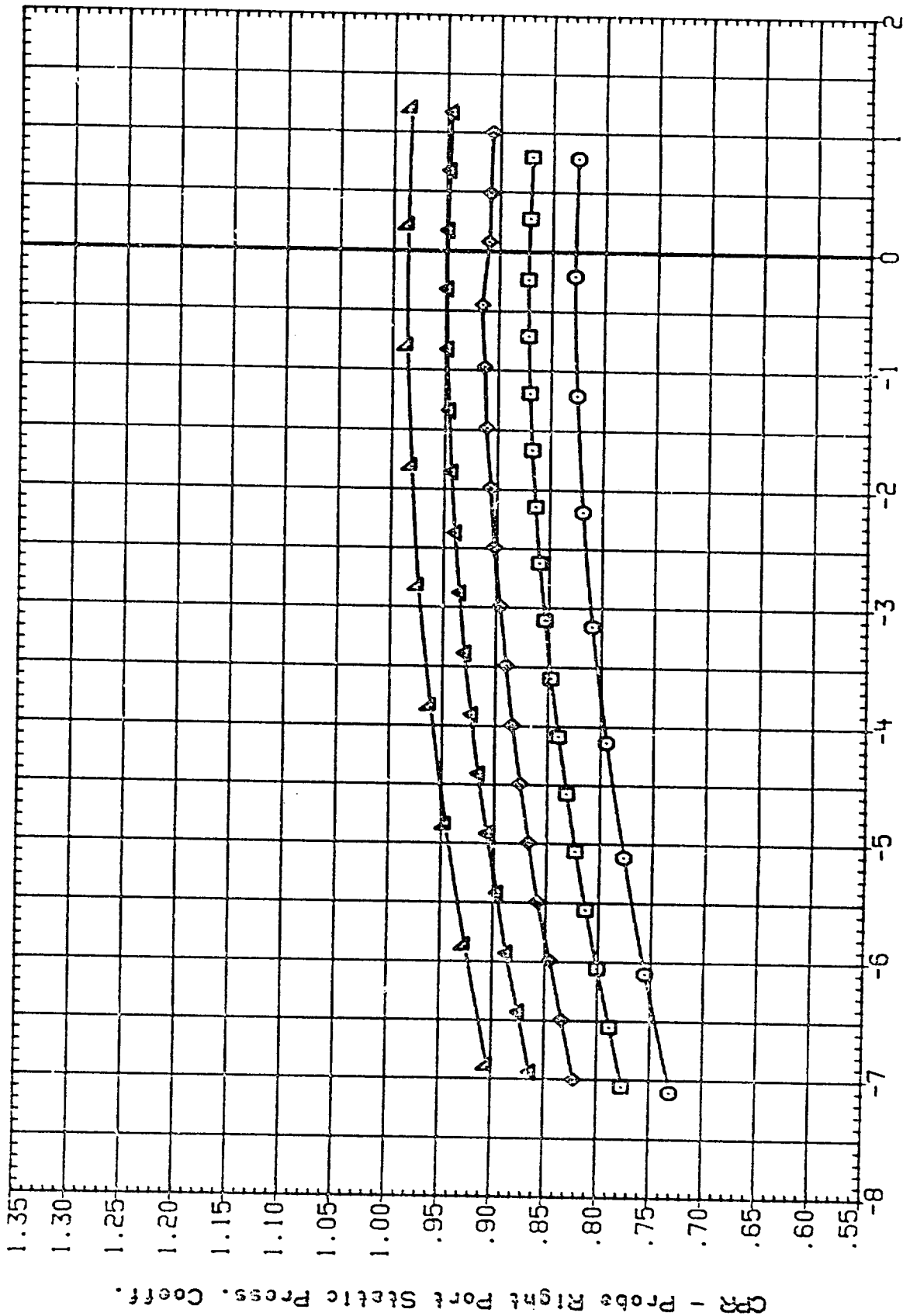


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

DATA SET SYMBOL

SC102H2
SC102H3
SC102H9
SC102H3
SC102H8

CONFIGURATION

IA310 (AEDC 18TF-783) PROBE CALIBRATION
IA310 (AEDC 18TF-783) PROBE CALIBRATION
IA310 (AEDC 18TF-783) PROBE CALIBRATION
IA310 (AEDC 18TF-783) PROBE CALIBRATION
IA310 (AEDC 18TF-783) PROBE CALIBRATION

BETA PHI
-4.000 180.000
-2.000 180.000
2.000 180.000
4.000 180.000

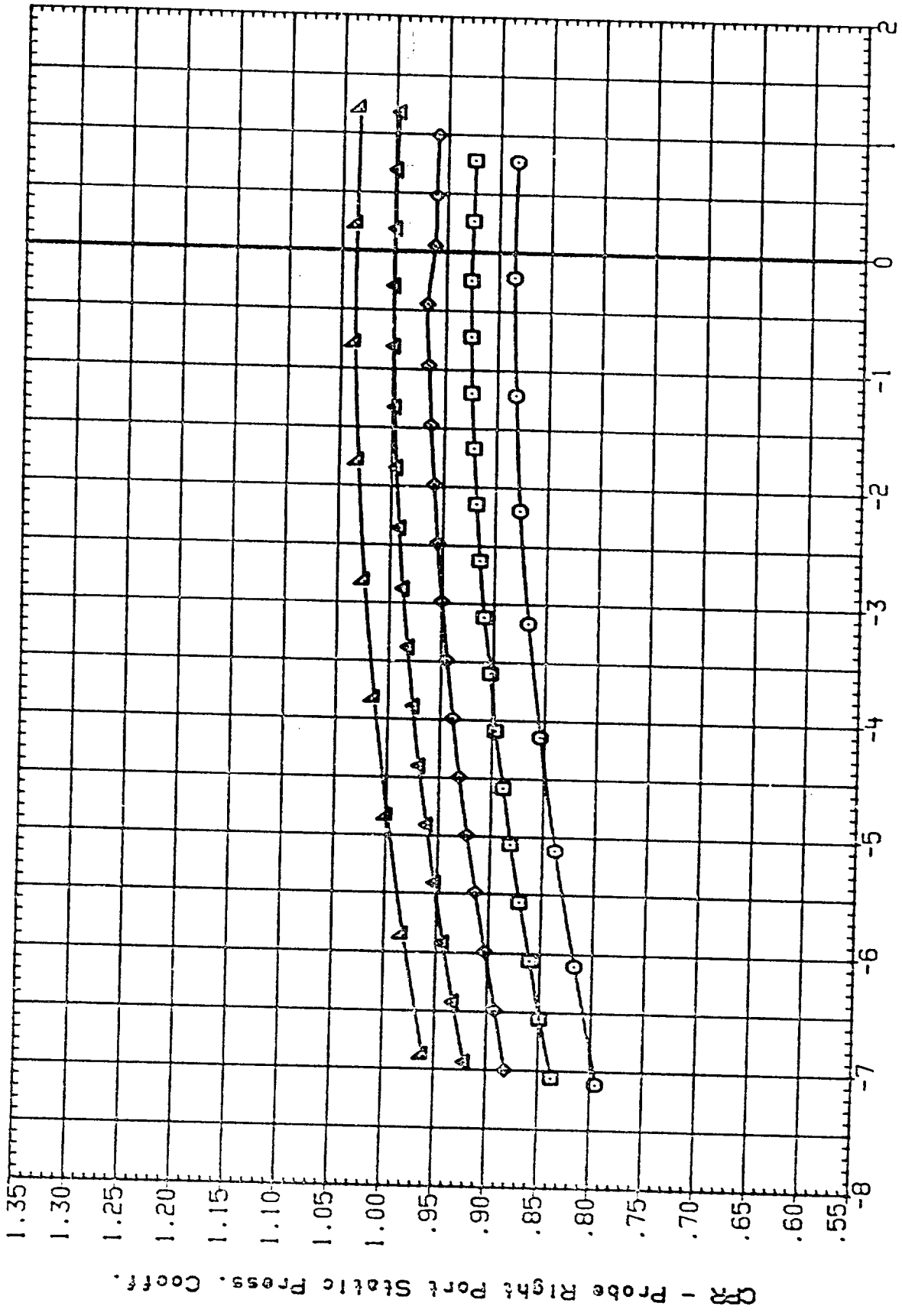


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

DATA SET SYMBOL	IA310 (AEDC 181F-783) PROBE CALIBRATION	BETA	PHI
SC1012	IA310 (AEDC 181F-783) PROBE CALIBRATION	-4.000	180.000
SC1013	IA310 (AEDC 181F-783) PROBE CALIBRATION	-2.000	180.000
SC1019	IA310 (AEDC 181F-783) PROBE CALIBRATION	.000	180.000
SC1033	IA310 (AEDC 181F-783) PROBE CALIBRATION	2.000	180.000
SC1036	IA310 (AEDC 181F-783) PROBE CALIBRATION	4.000	180.000

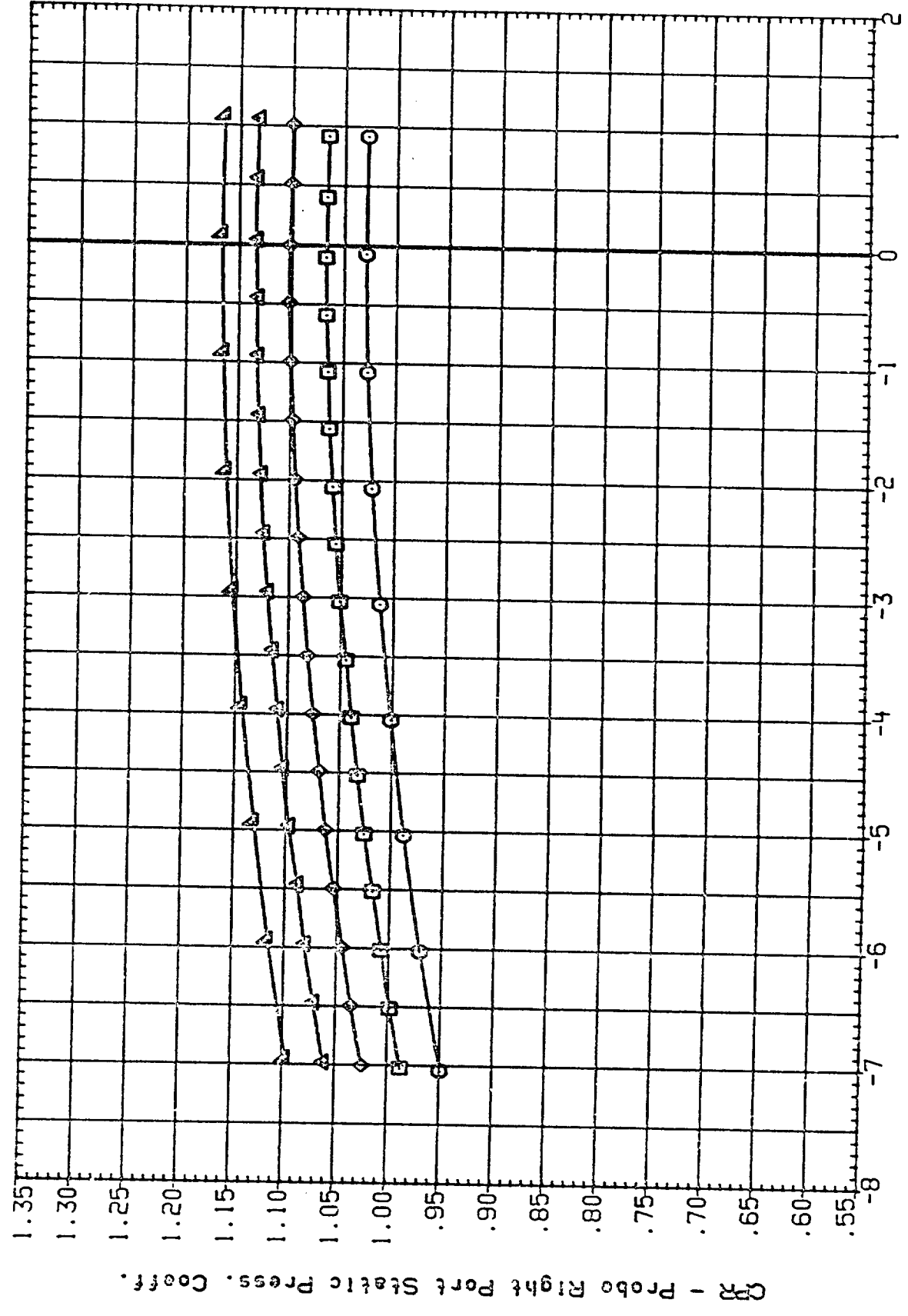


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

DATA SET SYMBOL

SCH042
SCH045
SCH049
SCH053
SCH056

CONFIGURATION

IA310 (AE0C 16TF-783) PROBE CALIBRATION
IA310 (AE0C 16TF-783) PROBE CALIBRATION
IA310 (AE0C 16TF-783) PROBE CALIBRATION
IA310 (AE0C 16TF-783) PROBE CALIBRATION
IA310 (AE0C 16TF-783) PROBE CALIBRATION

BETA PHI

-4.000 180.000
-2.000 180.000
.000 180.000
2.000 180.000
4.000 180.000

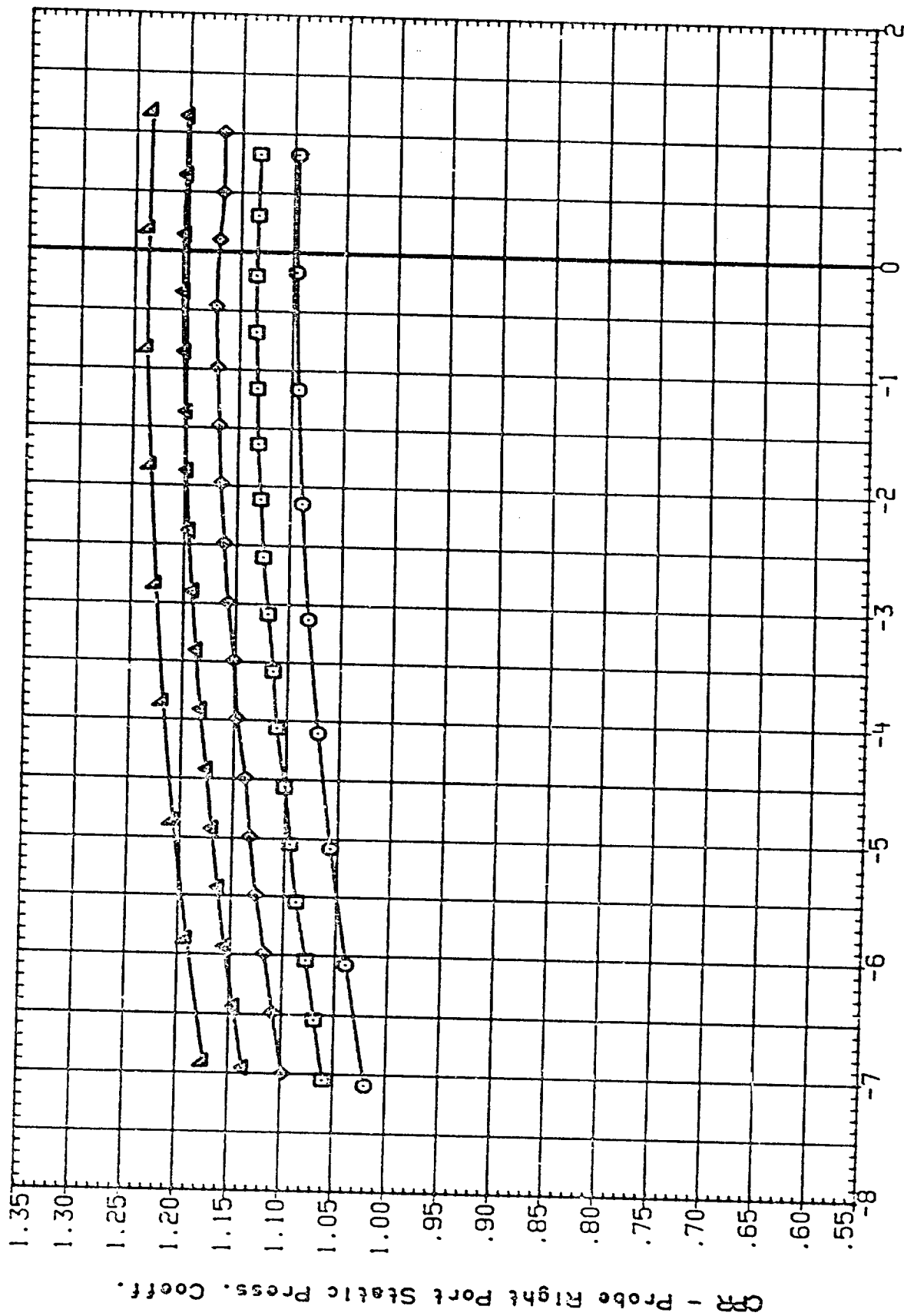


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

(E) VCH = 1.25

DATE (OCT 91

DATA SET SYMBOL

SCH042
SCH045
SCH049
SCH033
SCH055

□
○
△
◇
■

CONFIGURATION

IA310 (AEDC 161F-783) PROBE CALIBRATION
IA310 (AEDC 161F-783) PROBE CALIBRATION
IA310 (AEDC 161F-783) PROBE CALIBRATION
IA310 (AEDC 161F-783) PROBE CALIBRATION
IA310 (AEDC 161F-783) PROBE CALIBRATION

EA:IA P:II

-4.000 180.000
-2.000 180.000
.000 180.000
2.000 180.000
4.000 180.000

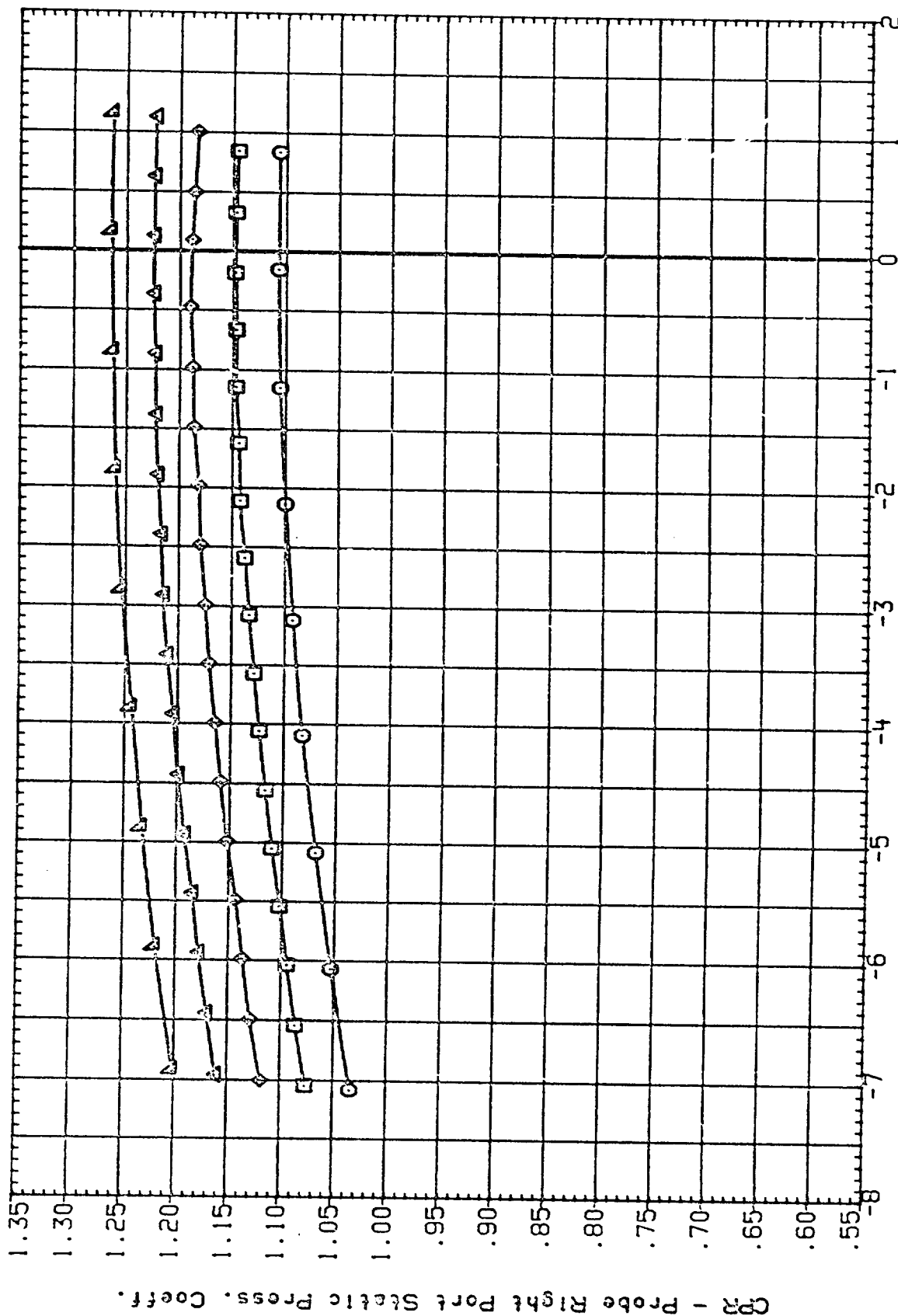


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

DATA SET SYMBOL

SCH042
SCH045
SCH049
SCH053
SCH056

CONFIGURATION

IA310 (AEDC 16TF-783) PROBE CALIBRATION
IA310 (AEDC 16TF-783) PROBE CALIBRATION
IA310 (AEDC 16TF-783) PROBE CALIBRATION
IA310 (AEDC 16TF-783) PROBE CALIBRATION

BETA PHI

-4.000 180.000
-2.000 180.000
.000 180.000
2.000 180.000
4.000 180.000

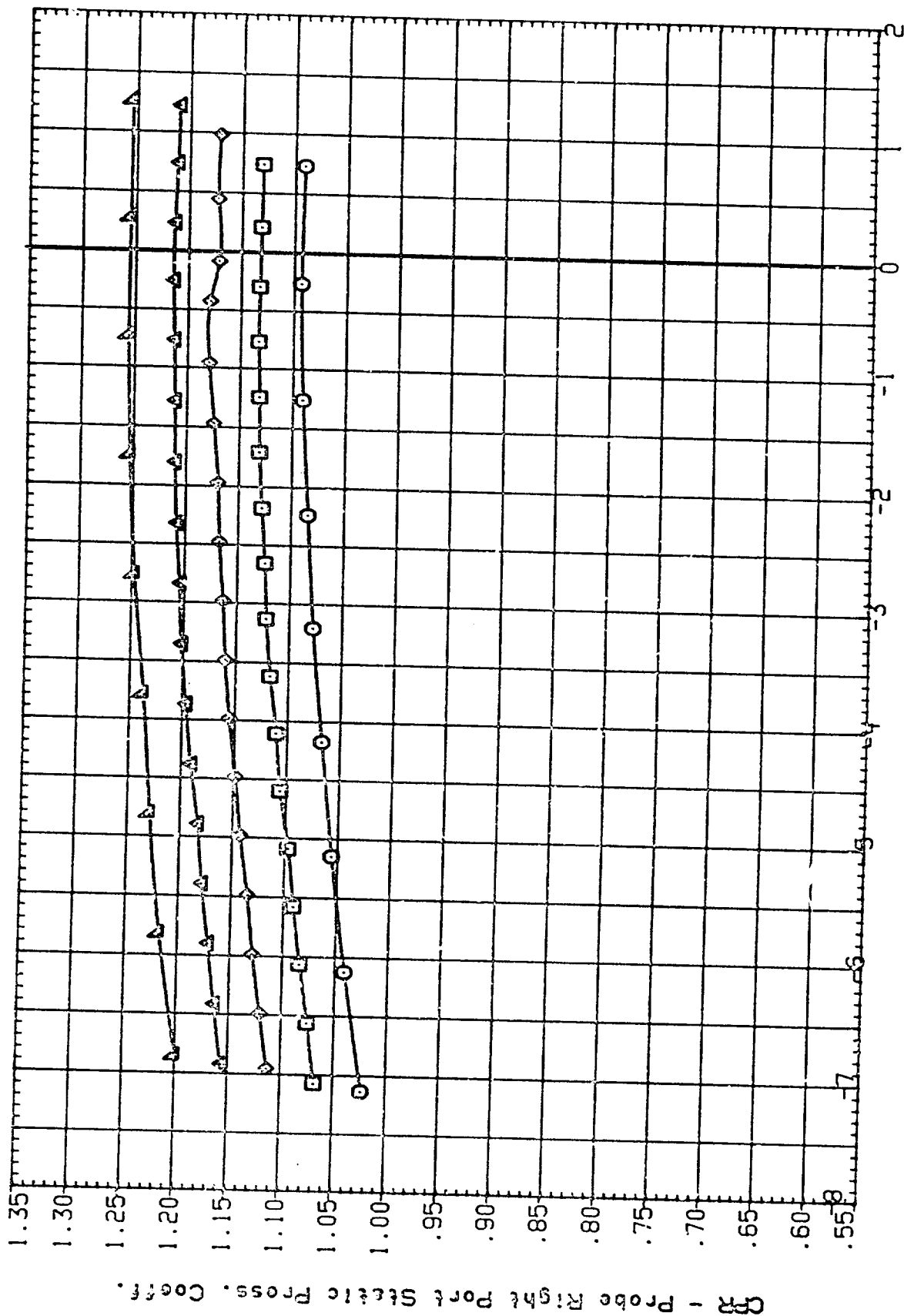


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

DATA SET SYMBOL

SC1042
SC1045
SC1049
SC1053
SC1056

CONFIGURATION

IA310 (AEDC 16TF-783) PROBE CALIBRATION
IA310 (AEDC 16TF-783) PROBE CALIBRATION
IA310 (AEDC 16TF-783) PROBE CALIBRATION
IA310 (AEDC 16TF-783) PROBE CALIBRATION
IA310 (AEDC 16TF-783) PROBE CALIBRATION

DELTA

-4.000 180.000
-2.000 180.000
.000 180.000
2.000 180.000
4.000 180.000

PHI

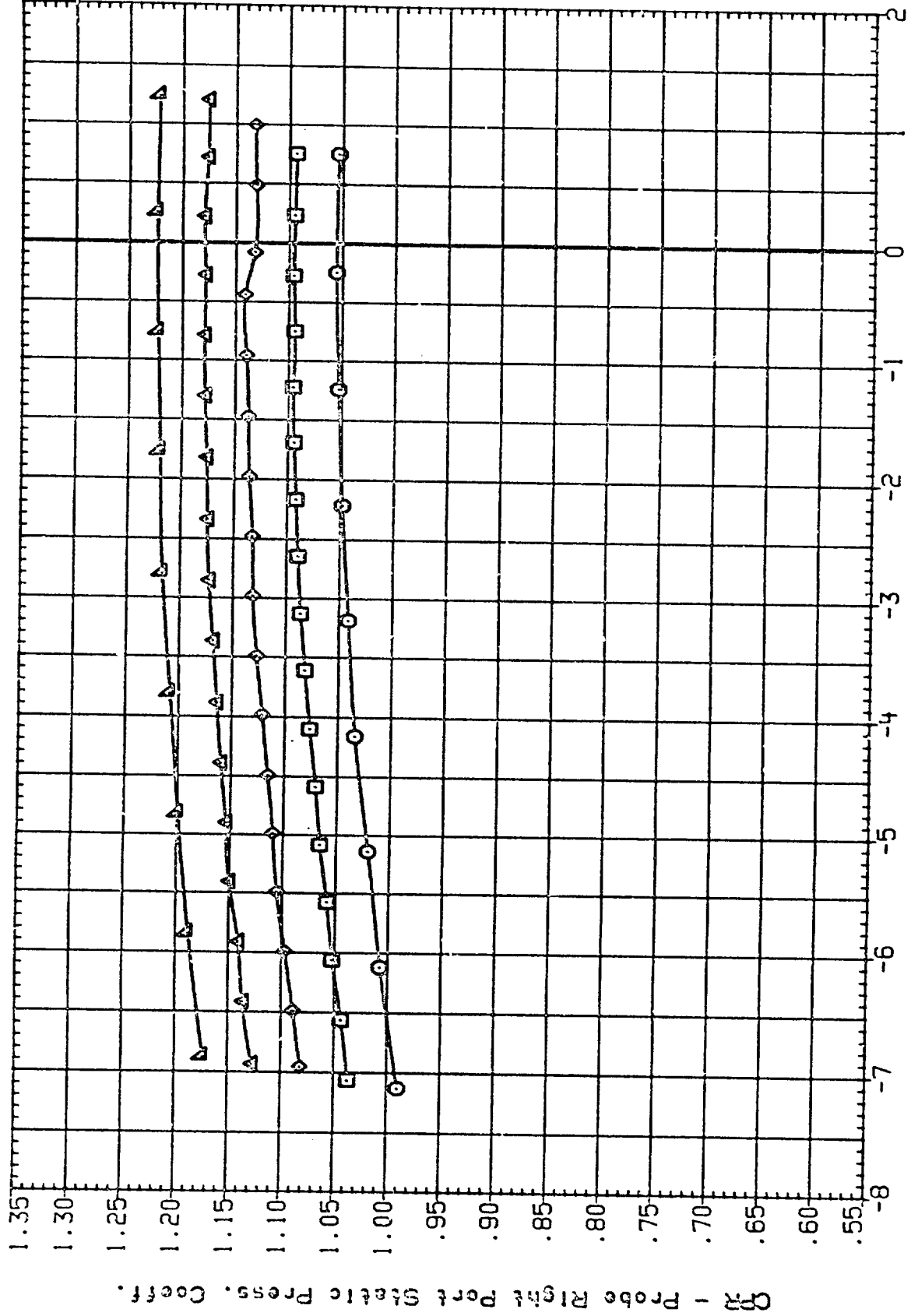


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

(H)MACH = 1.47

DATE 22 OCT 91

DATA SET SYMBOL

SC10012
SC10015
SC10019
SC10033
SC10056

CONFIGURATION

IA310 (AEDC 16TF-783) PROBE CALIBRATION
IA310 (AEDC 16TF-783) PROBE CALIBRATION
IA310 (AEDC 16TF-783) PROBE CALIBRATION
IA310 (AEDC 16TF-783) PROBE CALIBRATION
IA310 (AEDC 16TF-783) PROBE CALIBRATION

BETA PHI

-4.000 180.000
-2.000 180.000
.000 180.000
2.000 180.000
4.000 180.000

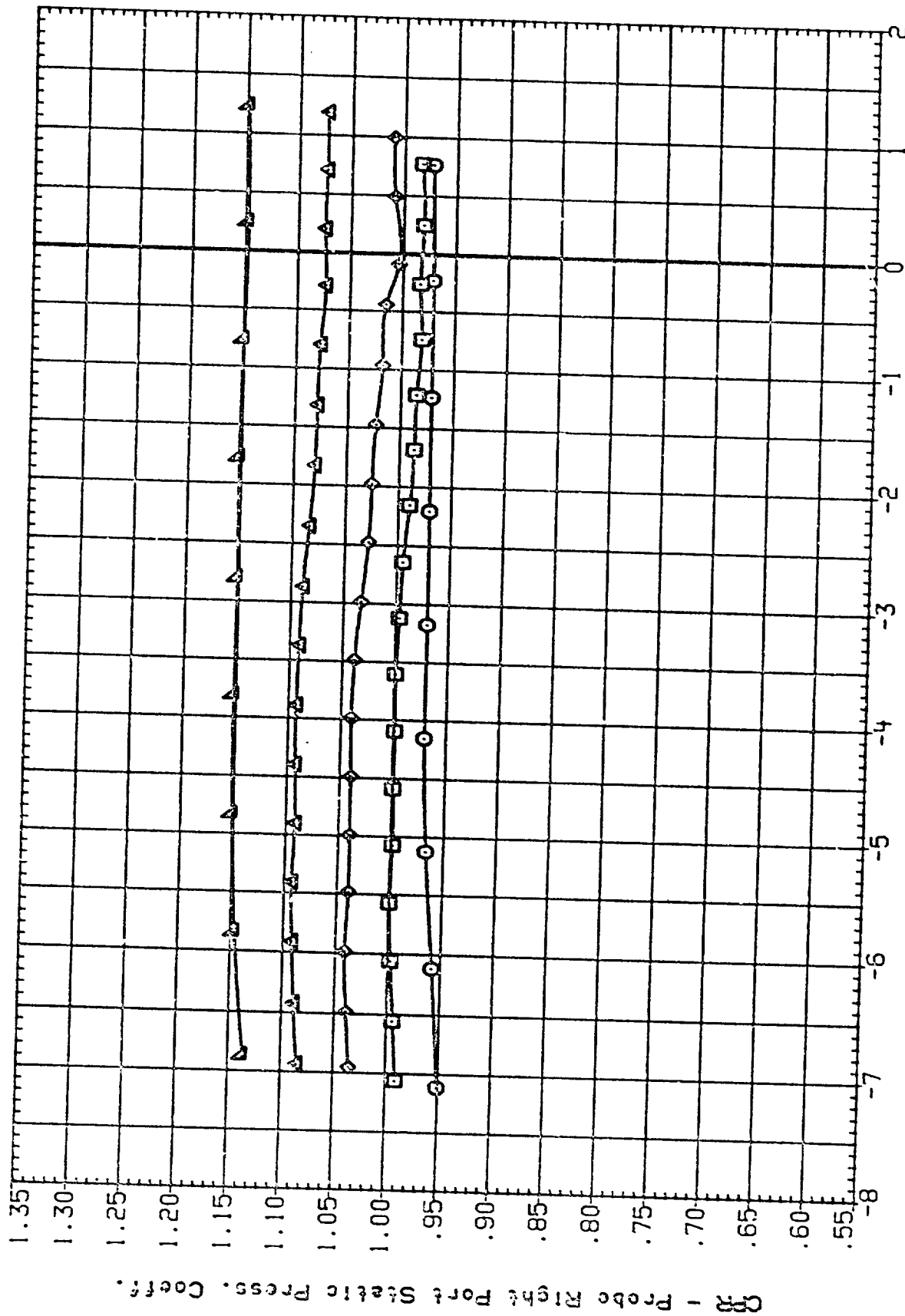


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

DATA SET SYMBOL

SC1092
SC1095
SC1098
SC1099
SC1093
SC1095

CONFIGURATION

IA310 (AEDC 161F-783) PROBE CALIBRATION
IA310 (AEDC 161F-783) PROBE CALIBRATION
IA310 (AEDC 161F-783) PROBE CALIBRATION
IA310 (AEDC 161F-783) PROBE CALIBRATION
IA310 (AEDC 161F-783) PROBE CALIBRATION

BETA PHI
-4.000 180.000
-2.000 180.000
2.000 180.000
4.000 180.000

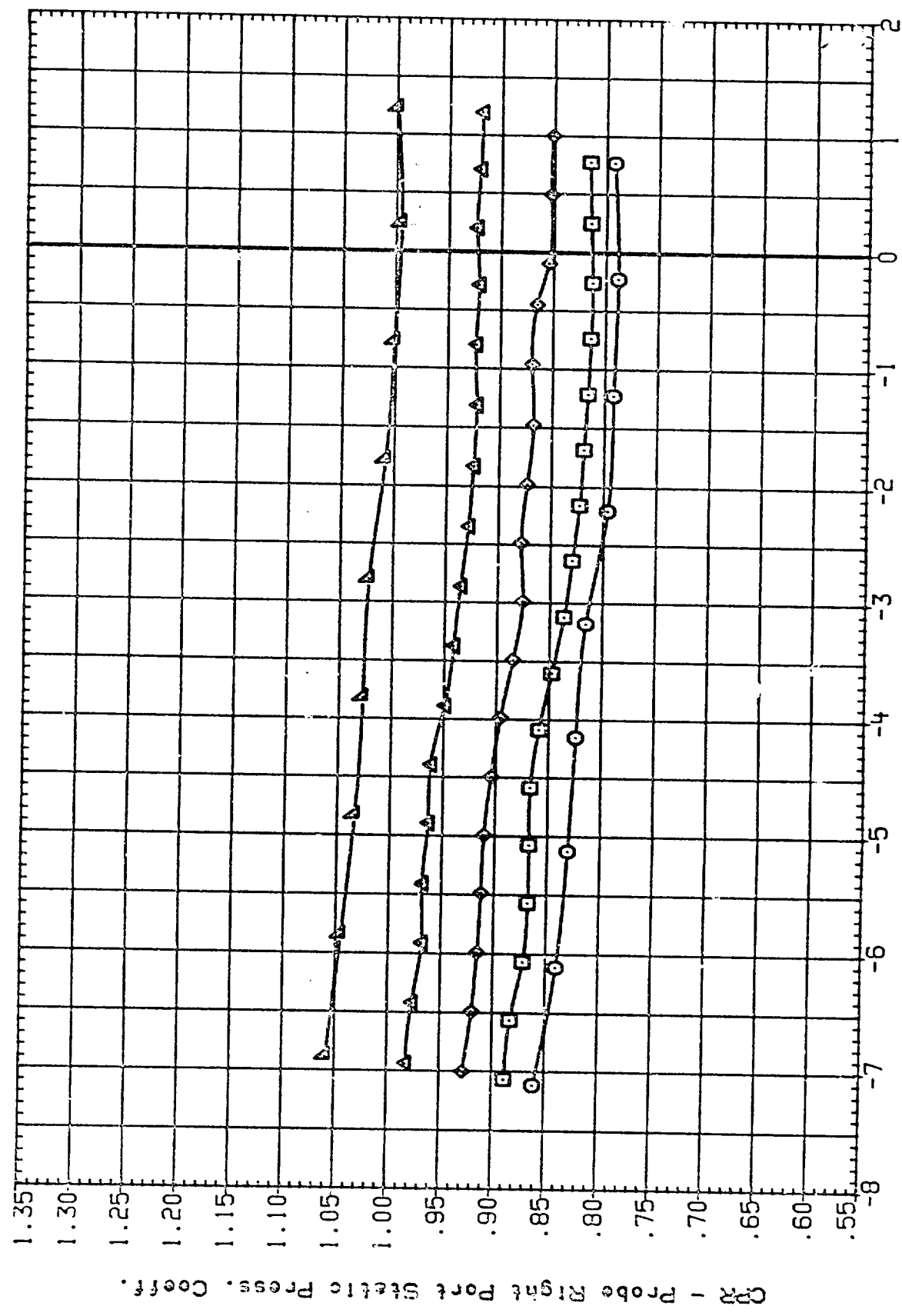


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

(J)MACH = 1.52

DATE 22 OCT 91

DATA SET SYMBOL

SC1042
SC1045
SC1049
SC1053
SC1056

CONFIGURATION

IA310 (AEDC 16TF-783) PROBE CALIBRATION
IA310 (AEDC 16TF-783) PROBE CALIBRATION
IA310 (AEDC 16TF-783) PROBE CALIBRATION
IA310 (AEDC 16TF-783) PROBE CALIBRATION
IA310 (AEDC 16TF-783) PROBE CALIBRATION

BETA PHI

-4.000 180.000
-2.000 180.000
2.000 180.000
4.000 180.000

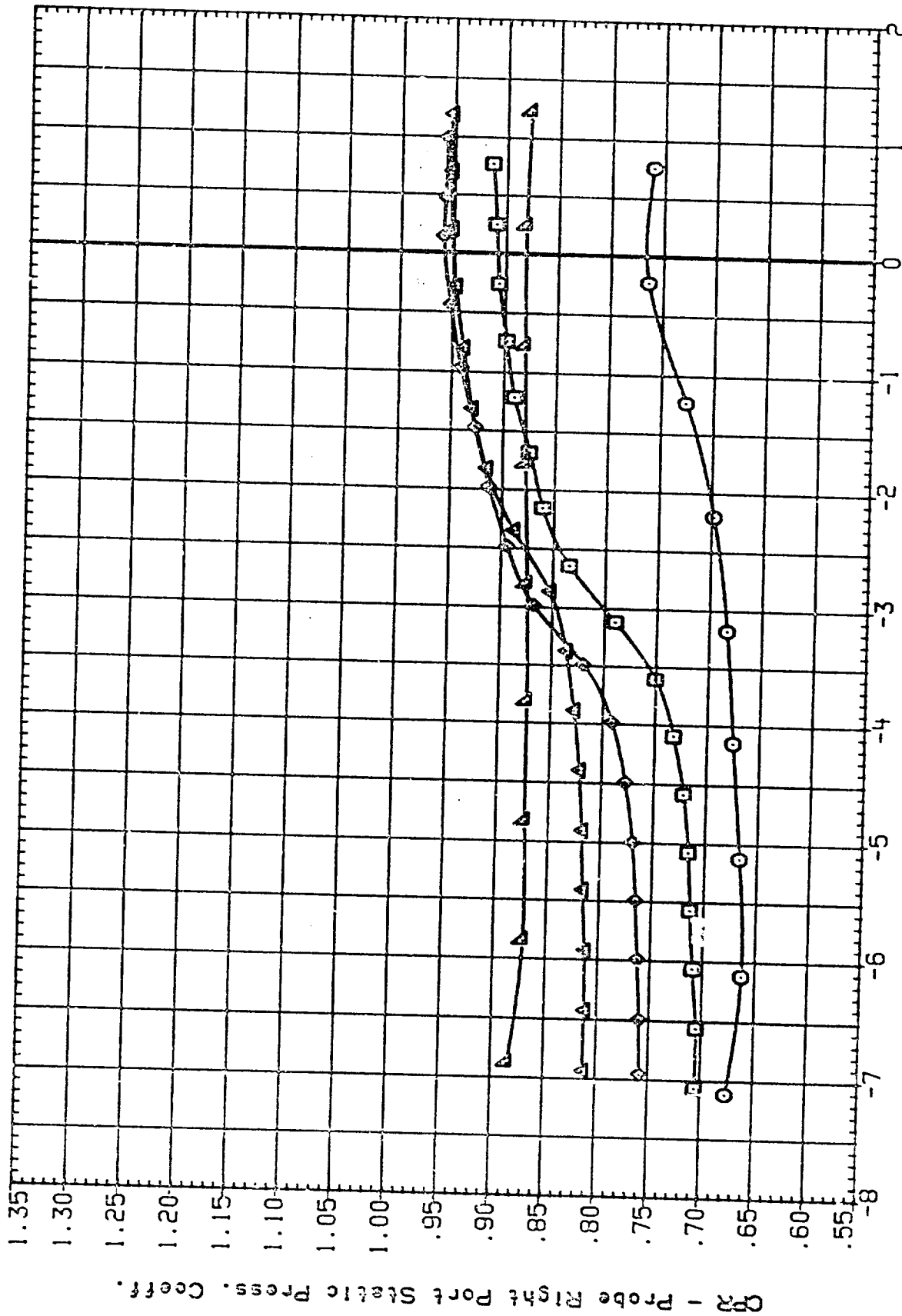


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

(K)ACH = 1.54

DATE (2 OCT 91

DATA -- SYMOL

IC1042
IC1045
IC1049
IC1053
IC1055

CONFIGURATION

IA310 (AEDC 16TF-783) PROBE CALIBRATION
IA310 (AEDC 16TF-783) PROBE CALIBRATION
IA310 (AEDC 16TF-783) PROBE CALIBRATION
IA310 (AEDC 16TF-783) PROBE CALIBRATION
IA310 (AEDC 16TF-783) PROBE CALIBRATION

BETA PHI
-4.000 180.000
-2.000 180.000
.000 180.000
2.000 180.000
4.000 190.000

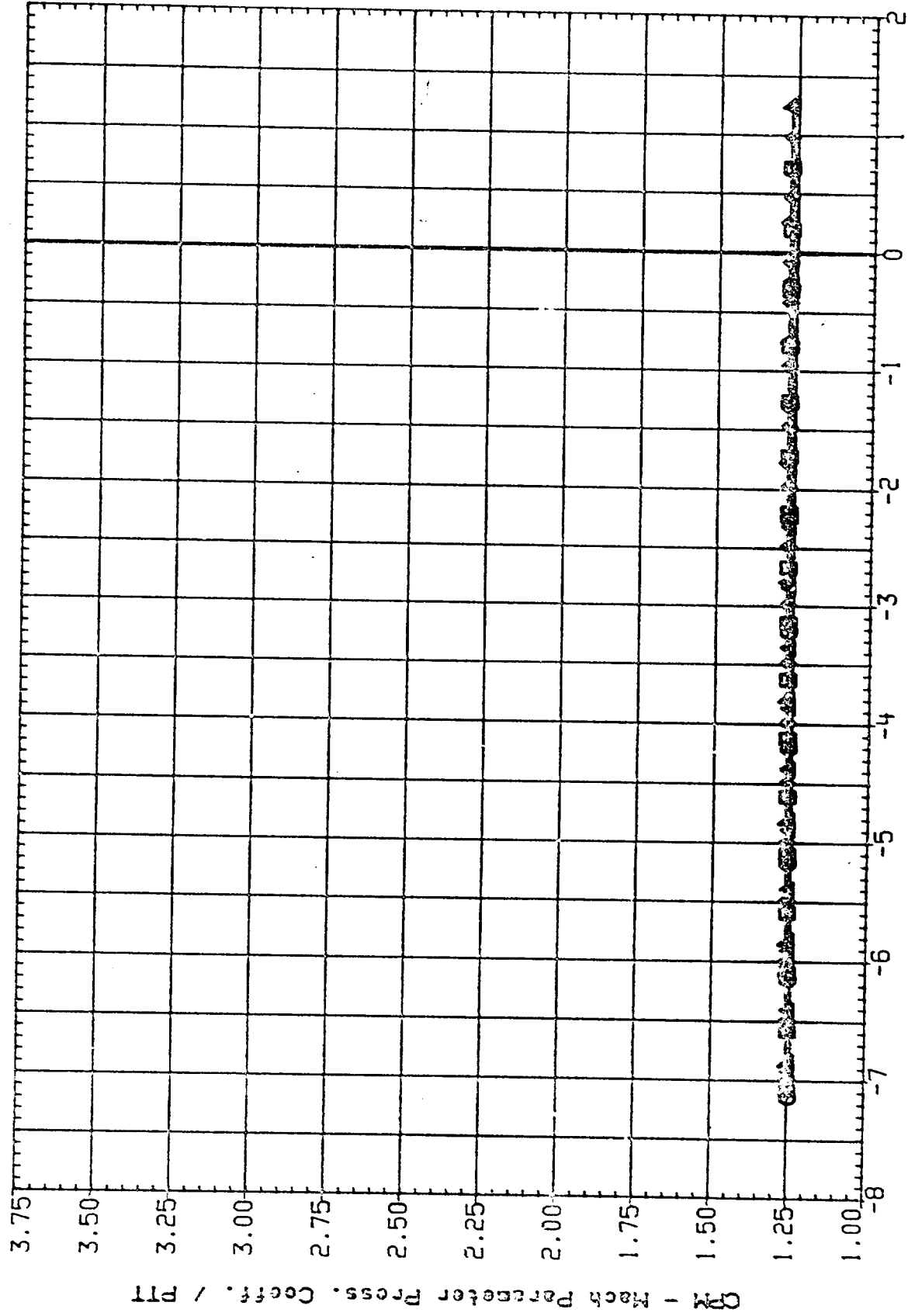


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

(A)MACH = .60

DATE 22 OCT 91

DATA SET SYMBOL

TC1042
TC1045
TC1049
TC1053
TC1055

Q
O
X
X

CONFIGURATION

IA310 (AEDC 16TF-783) PROBE CALIBRATION
IA310 (AEDC 16TF-783) PROBE CALIBRATION
IA310 (AEDC 16TF-783) PROBE CALIBRATION
IA310 (AEDC 16TF-783) PROBE CALIBRATION
IA310 (AEDC 16TF-783) PROBE CALIBRATION

BETA PHI
-4.000 180.000
-2.000 180.000
.000 180.000
2.000 180.000
4.000 180.000

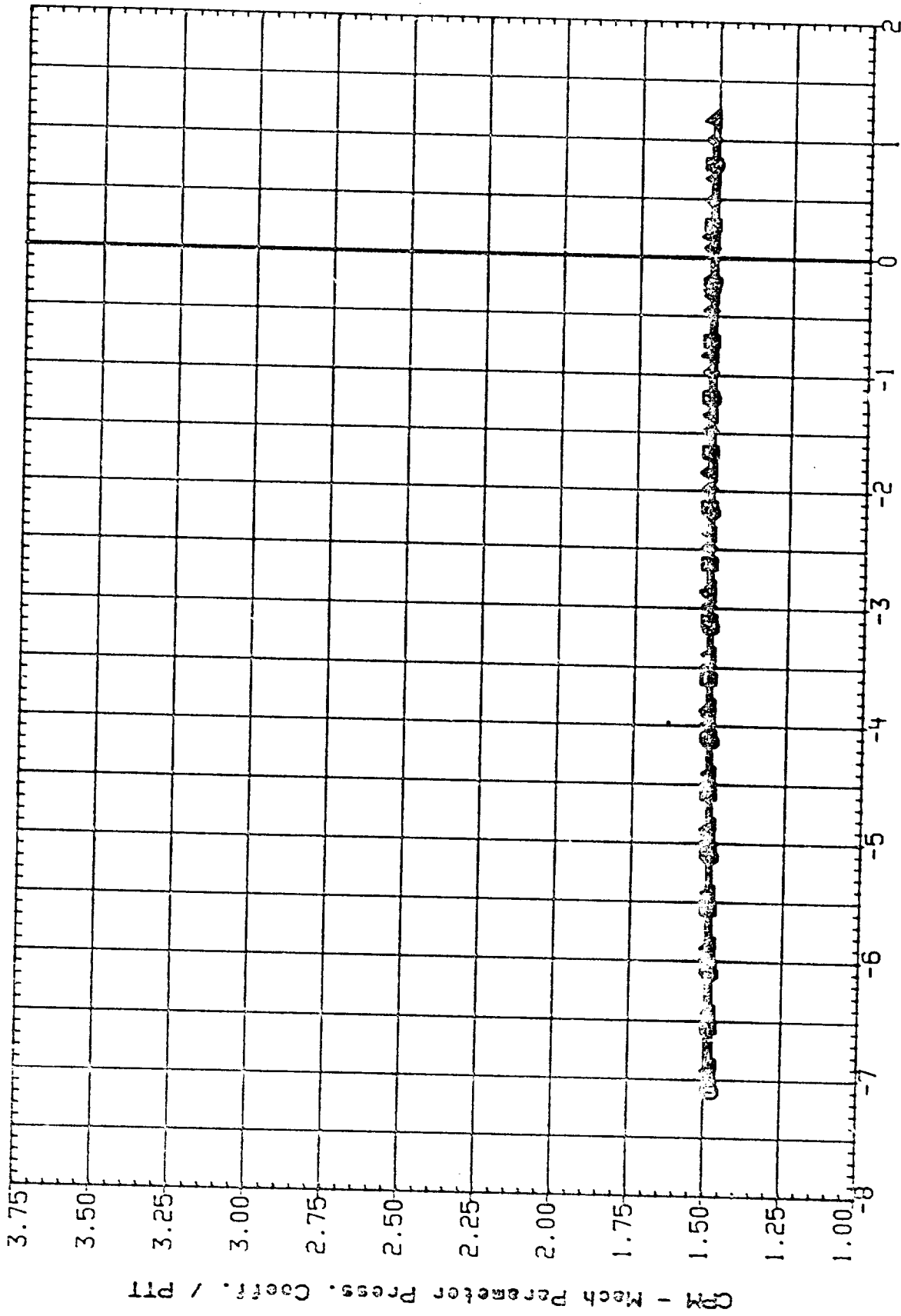


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

(B) $\gamma_H = .80$

DATE (OCT 91

DATA SET SYMBOL

TC0042
TC0043
TC0044
TC0045
TC0046

CONFIGURATION

IA310 (AEDC 16TF-783) PROBE CALIBRATION
IA310 (AEDC 16TF-783) PROBE CALIBRATION
IA310 (AEDC 16TF-783) PROBE CALIBRATION
IA310 (AEDC 16TF-783) PROBE CALIBRATION
IA310 (AEDC 16TF-783) PROBE CALIBRATION

BETA PHI
-4.000 180.000
-2.000 180.000
2.000 180.000
4.000 180.000

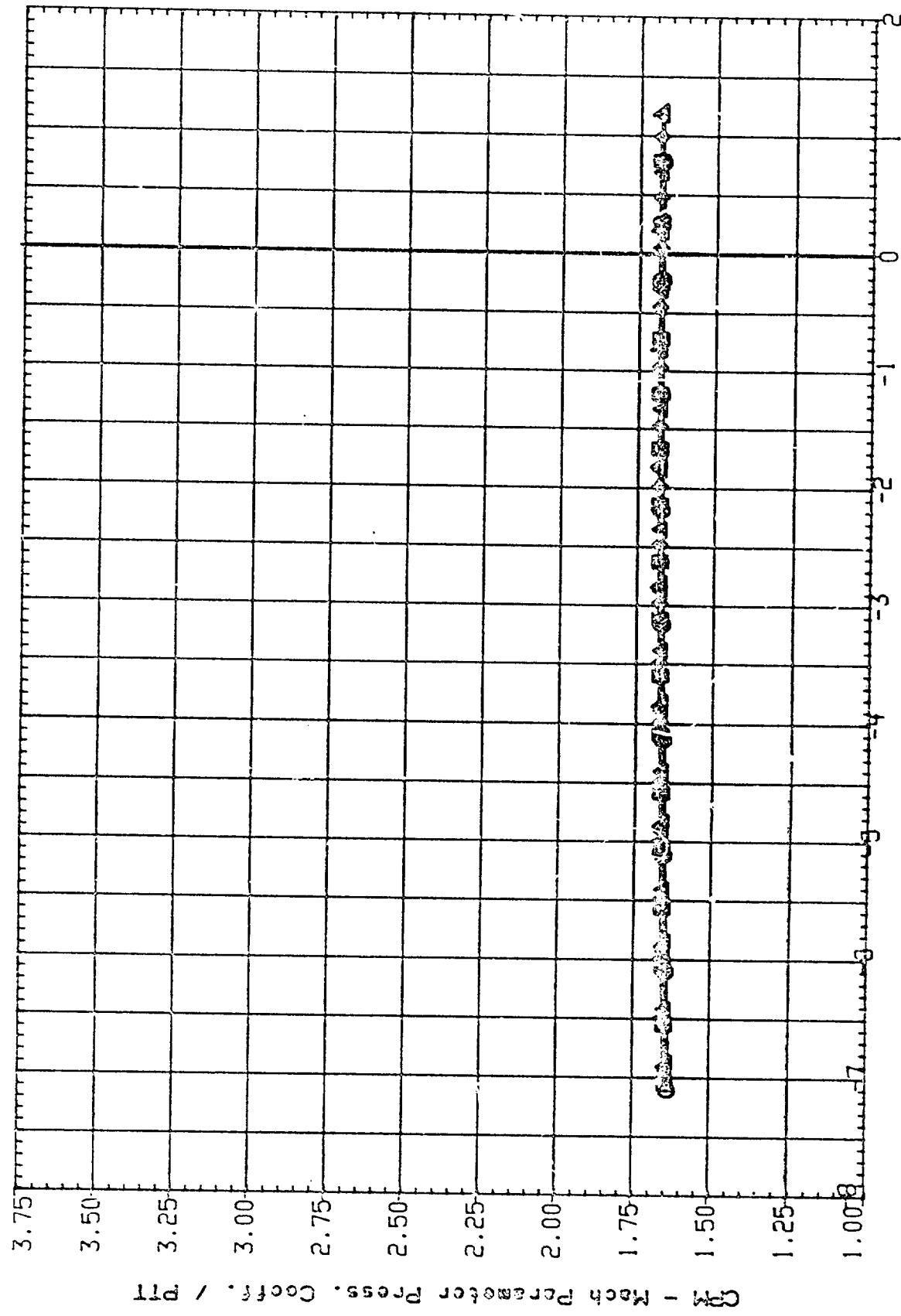


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

DATA SET SYMBOL

TC1042 □
 TC1045 □
 TC1049 ⊗
 TC1053 ⊗
 TC1055 ⊗

CONFIGURATION

IA310 (AEDC 16TF-783) PROGE CALIBRATION
 IA310 (AEDC 16TF-783) PROGE CALIBRATION
 IA310 (AEDC 16TF-783) PROGE CALIBRATION
 IA310 (AEDC 16TF-783) PROGE CALIBRATION
 IA310 (AEDC 16TF-783) PROGE CALIBRATION

BETA PHI
 -4.000 180.000
 -2.000 180.000
 2.000 180.000
 4.000 180.000

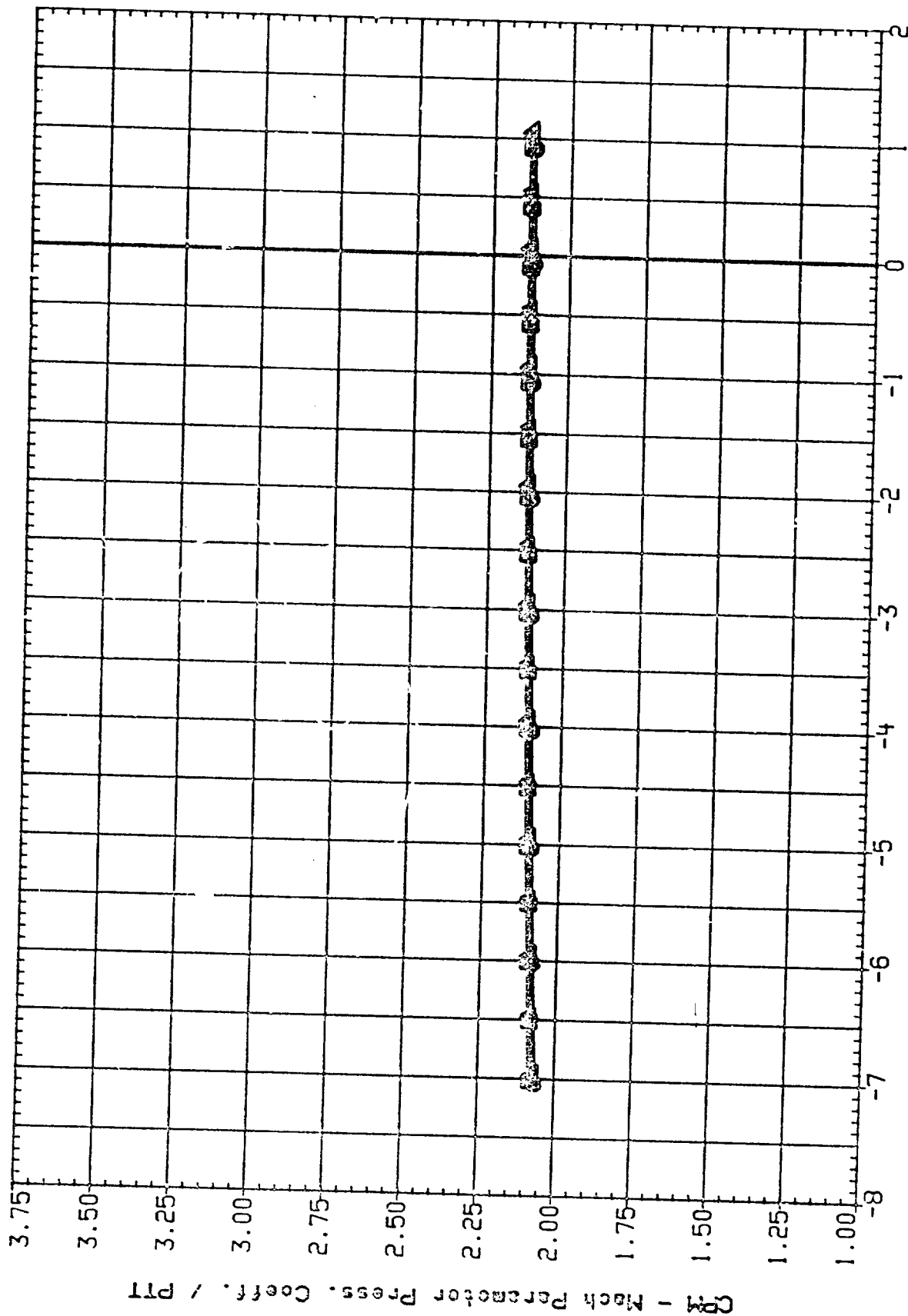


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

(D)MACH = 1.10

DATE (OCT 91

DATA SET SYMBOL

TC1042
TC1043
TC1049
TC1033
TC1038

□
◇
×
△

CONFIGURATION

IA310 (AEDC 161F-703) PROBE CALIBRATION
IA310 (AEDC 161F-703) PROBE CALIBRATION
IA310 (AEDC 161F-703) PROBE CALIBRATION
IA310 (AEDC 161F-703) PROBE CALIBRATION
IA310 (AEDC 161F-703) PROBE CALIBRATION

BETA PHI

-4.000 180.000
-2.000 180.000
.000 180.000
2.000 180.000
4.000 180.000

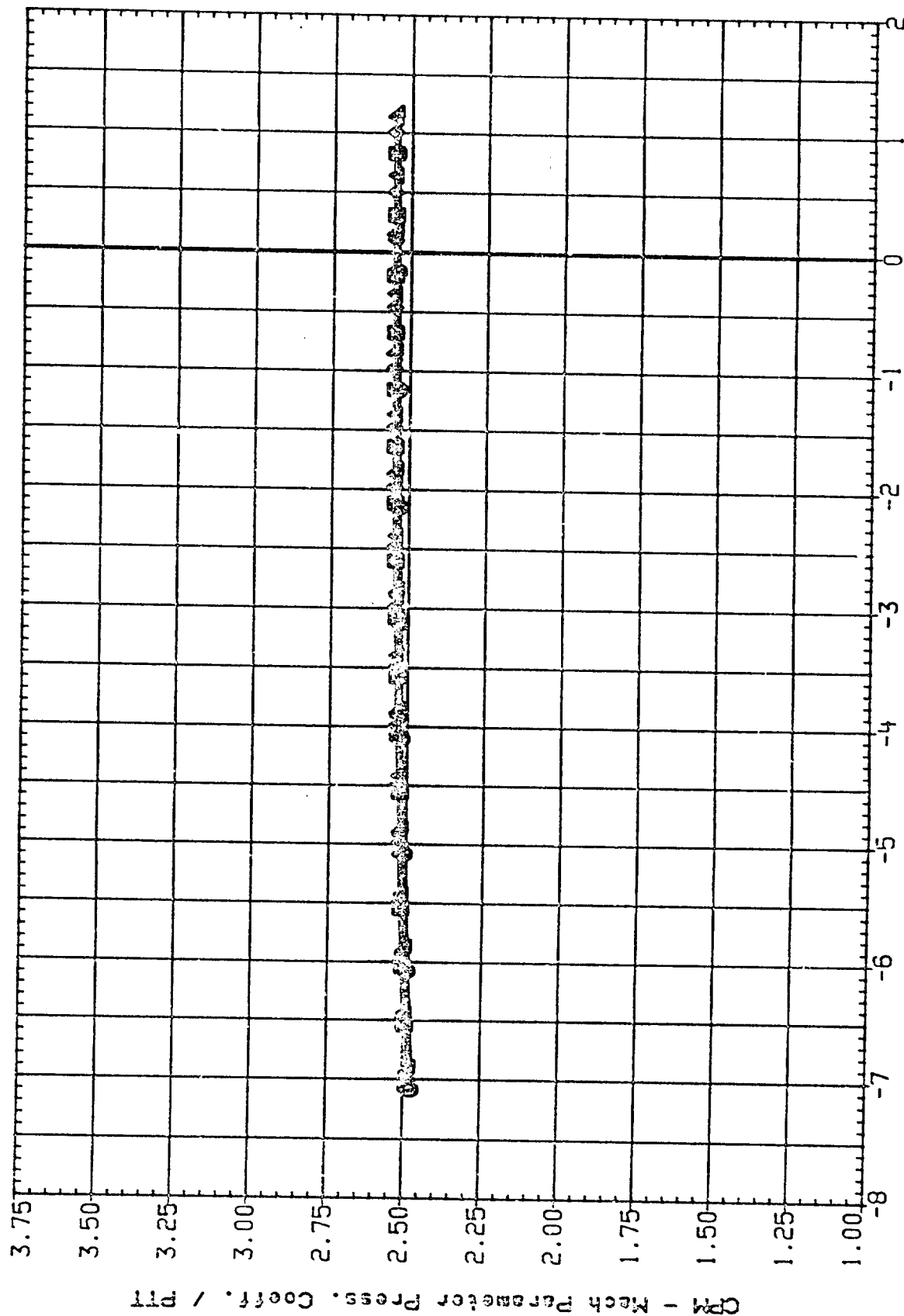


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

(E)MACH = 1.25

DATE 22 OCT 91

PAGE 49

DATA SET SYM SOL

TC1042
TC1045
TC1049
TC1053
TC1056

CO-FIGURATION

IA310 (AEDC 16TF-783) PROBE CALIBRATION
IA310 (AEDC 16TF-783) PROBE CALIBRATION
IA310 (AEDC 16TF-783) PROBE CALIBRATION
IA310 (AEDC 16TF-783) PROBE CALIBRATION
IA310 (AEDC 16TF-783) PROBE CALIBRATION

BETA PHI

-4.000 180.000
-2.000 180.000
.000 180.000
2.000 180.000
4.000 180.000

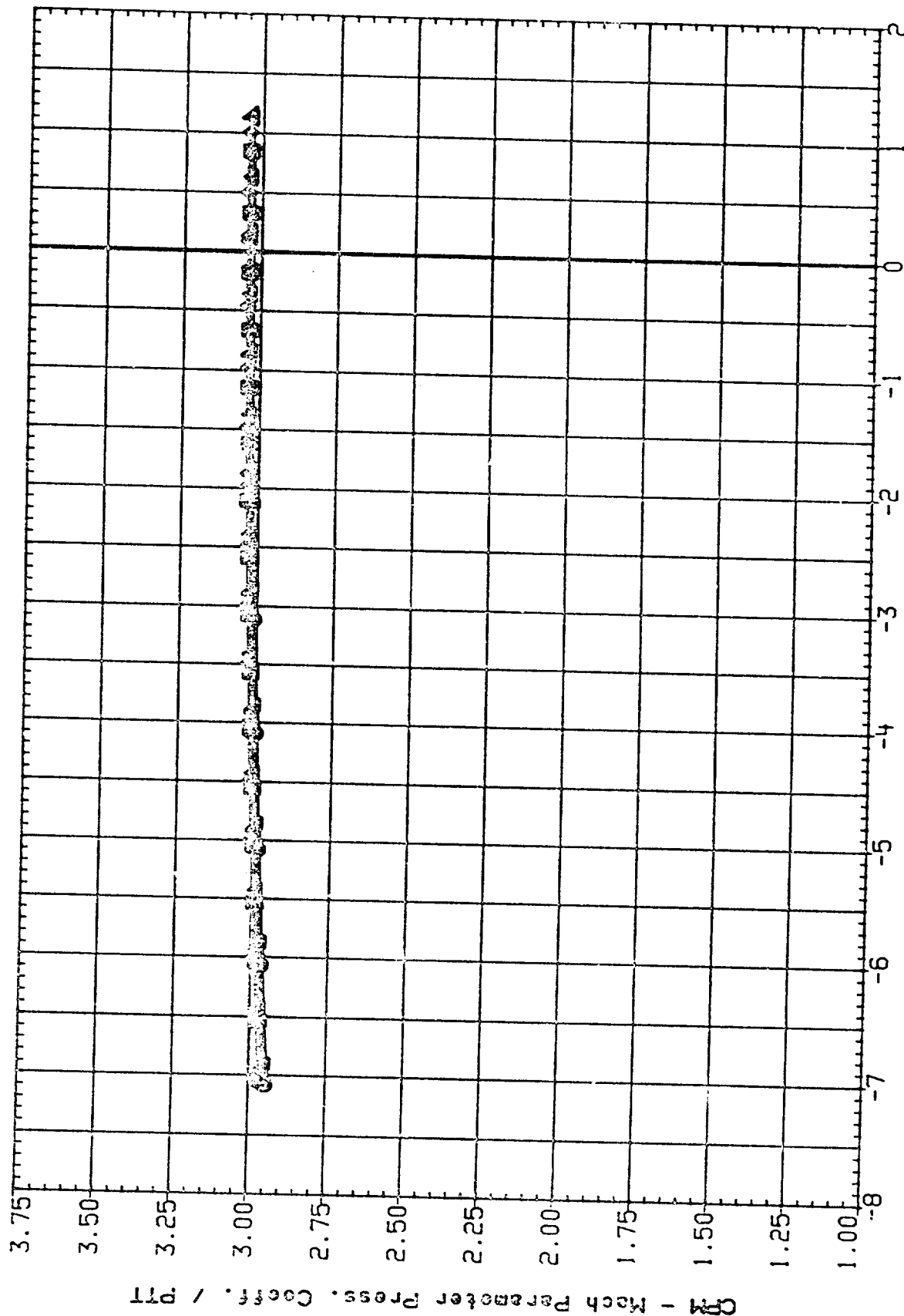


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

(F) VCH = 1.40

DATE () OCT 91

DATA SYM

TC1012
TC1015
TC1019
TC1053
TC1055

CONFIGURATION

IA310 (AEDC) PROBE CALIBRATION
IA310 (AEDC) PROBE CALIBRATION
IA310 (AEDC) PROBE CALIBRATION
IA310 (AEDC) PROBE CALIBRATION

BETA PHI

-4.000 180.000
-2.000 180.000
2.000 180.000
4.000 180.000

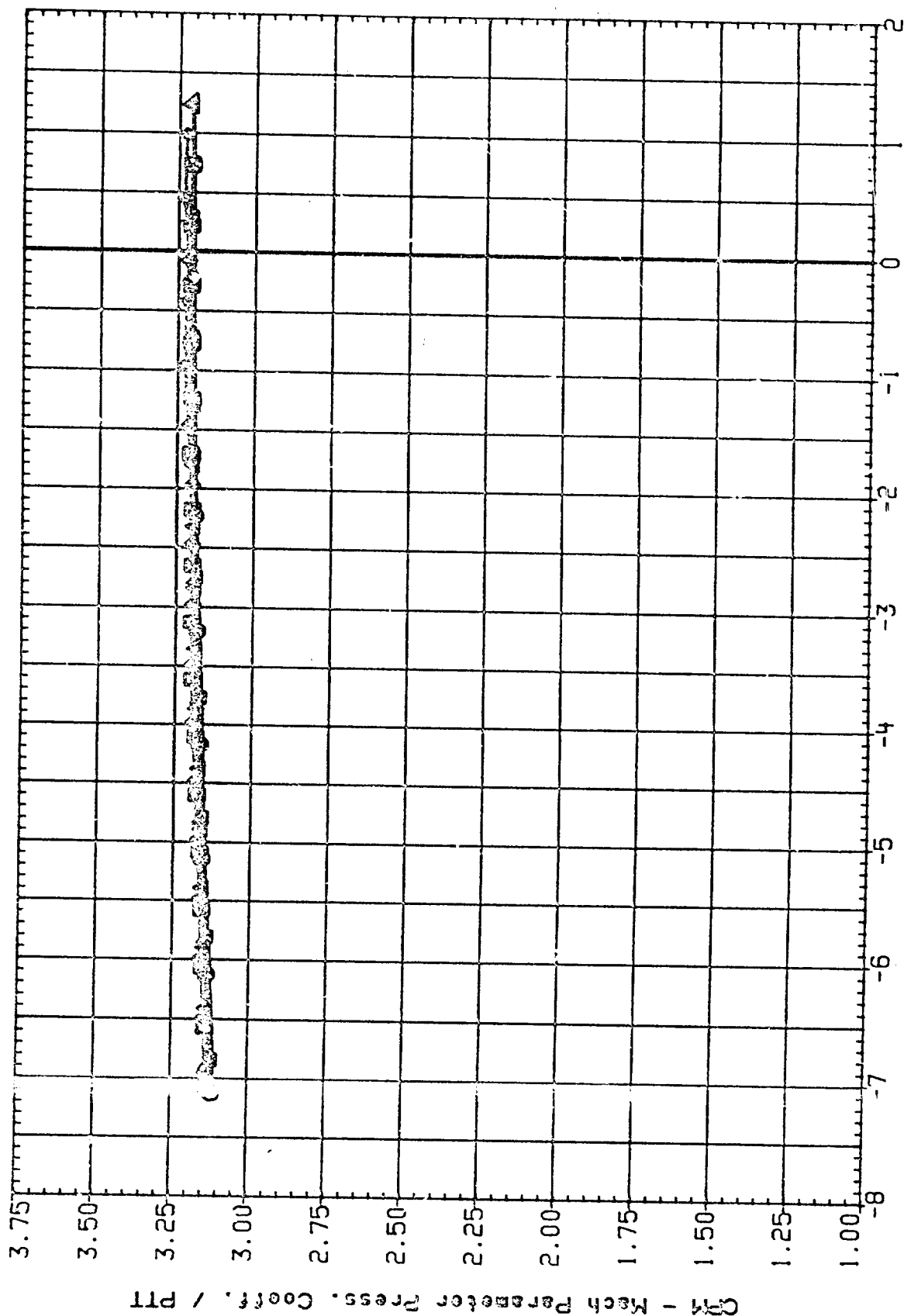


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

(G)MACH = 1.45

DATE 22 OCT 91

DATA SET SYMBOL

TC10012
TC10015
TC10019
TC10033
TC10036

CONFIGURATION

IA310 (AEDC) 181F-7033 PROBE CALIBRATION
IA310 (AEDC) 181F-7033 PROBE CALIBRATION
IA310 (AEDC) 181F-7033 PROBE CALIBRATION
IA310 (AEDC) 181F-7033 PROBE CALIBRATION
IA310 (AEDC) 181F-7033 PROBE CALIBRATION

BETA PHI
-4.000 180.000
-2.000 180.000
2.000 180.000
4.000 180.000

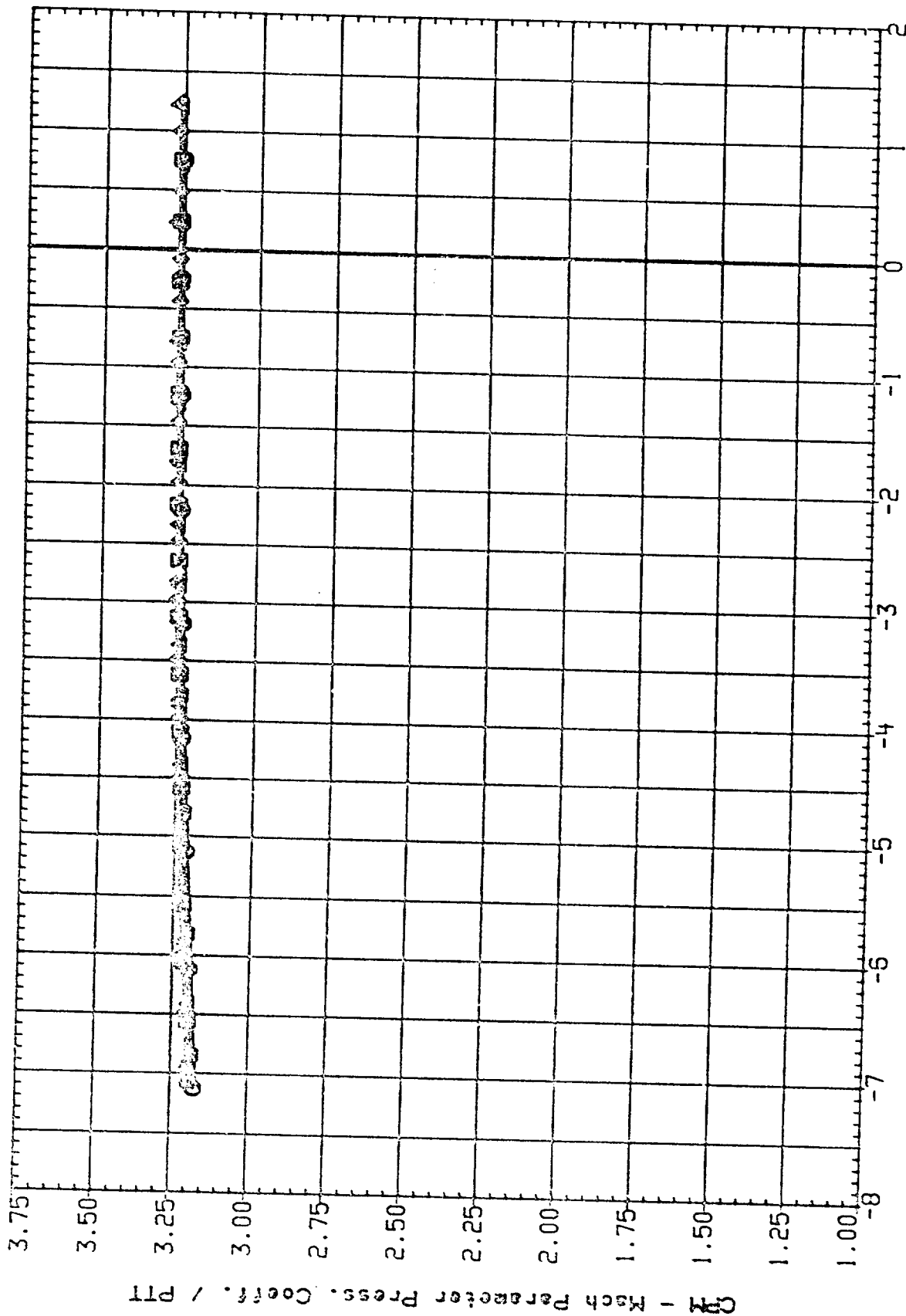


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

(H)MACH = 1.47

DATE () OCT 91

DATA	SYMBOL	CONFIGURATION	BETA	PHI
TC1012	□	IA310 (AEDC 16TF-783) PROBE CALIBRATION	-4.000	180.000
TC1013	□	IA310 (AEDC 16TF-783) PROBE CALIBRATION	-2.000	180.000
TC1014	□	IA310 (AEDC 16TF-783) PROBE CALIBRATION	0.000	180.000
TC1015	□	IA310 (AEDC 16TF-783) PROBE CALIBRATION	2.000	180.000
TC1016	□	IA310 (AEDC 16TF-783) PROBE CALIBRATION	4.000	180.000

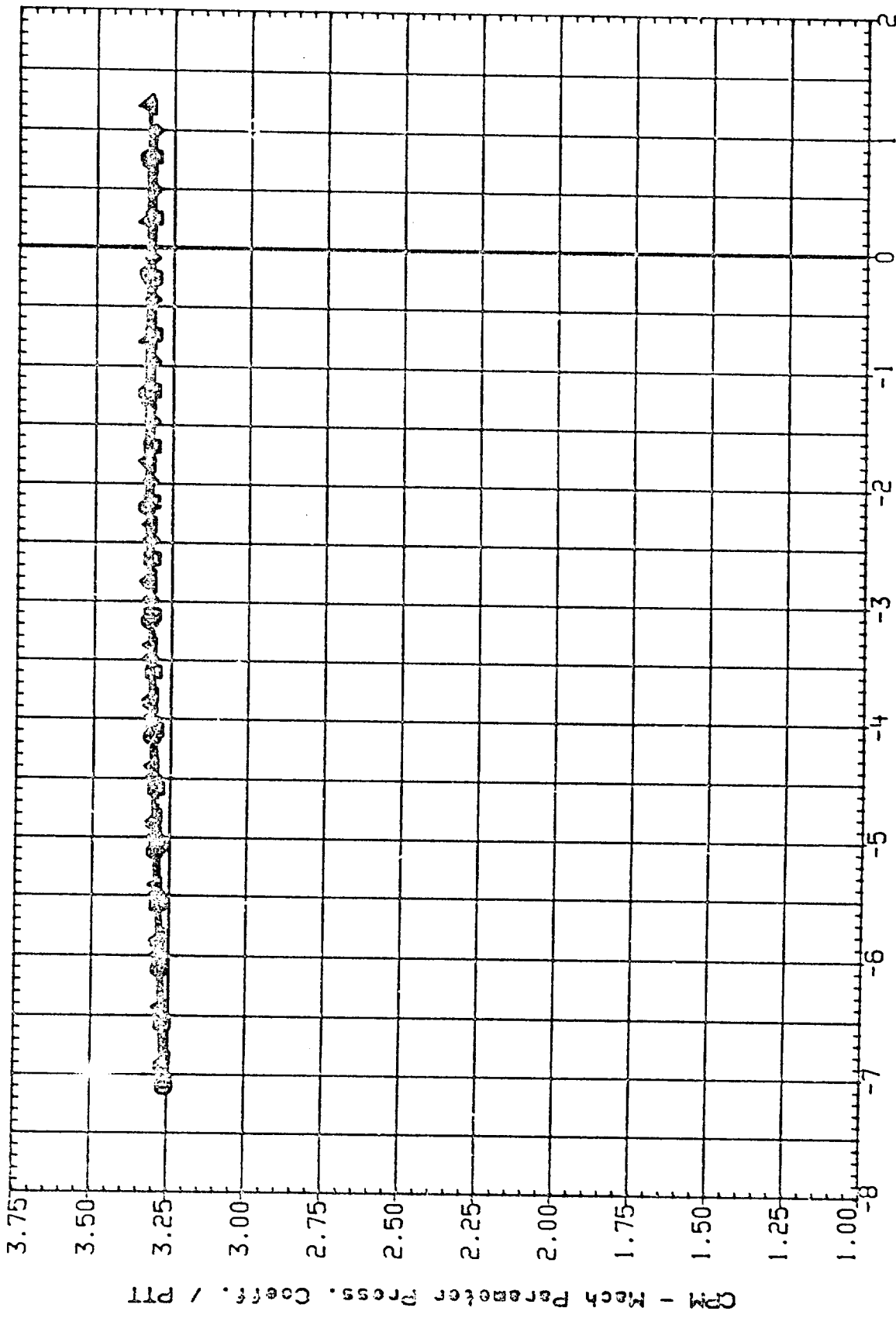


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

DATA SET SYMBOL

TC1042
TC1045
TC1049
TC1053
TC1058

CONFIGURATION

IA310 (AEDC 161F-783) PROCE CALIBRATION
IA310 (AEDC 161F-783) PROCE CALIBRATION
IA310 (AEDC 161F-783) PROCE CALIBRATION
IA310 (AEDC 161F-783) PROCE CALIBRATION
IA310 (AEDC 161F-783) PROCE CALIBRATION

BETA PHI
-4.000 180.000
-2.000 180.000
0.000 180.000
2.000 180.000
4.000 180.000

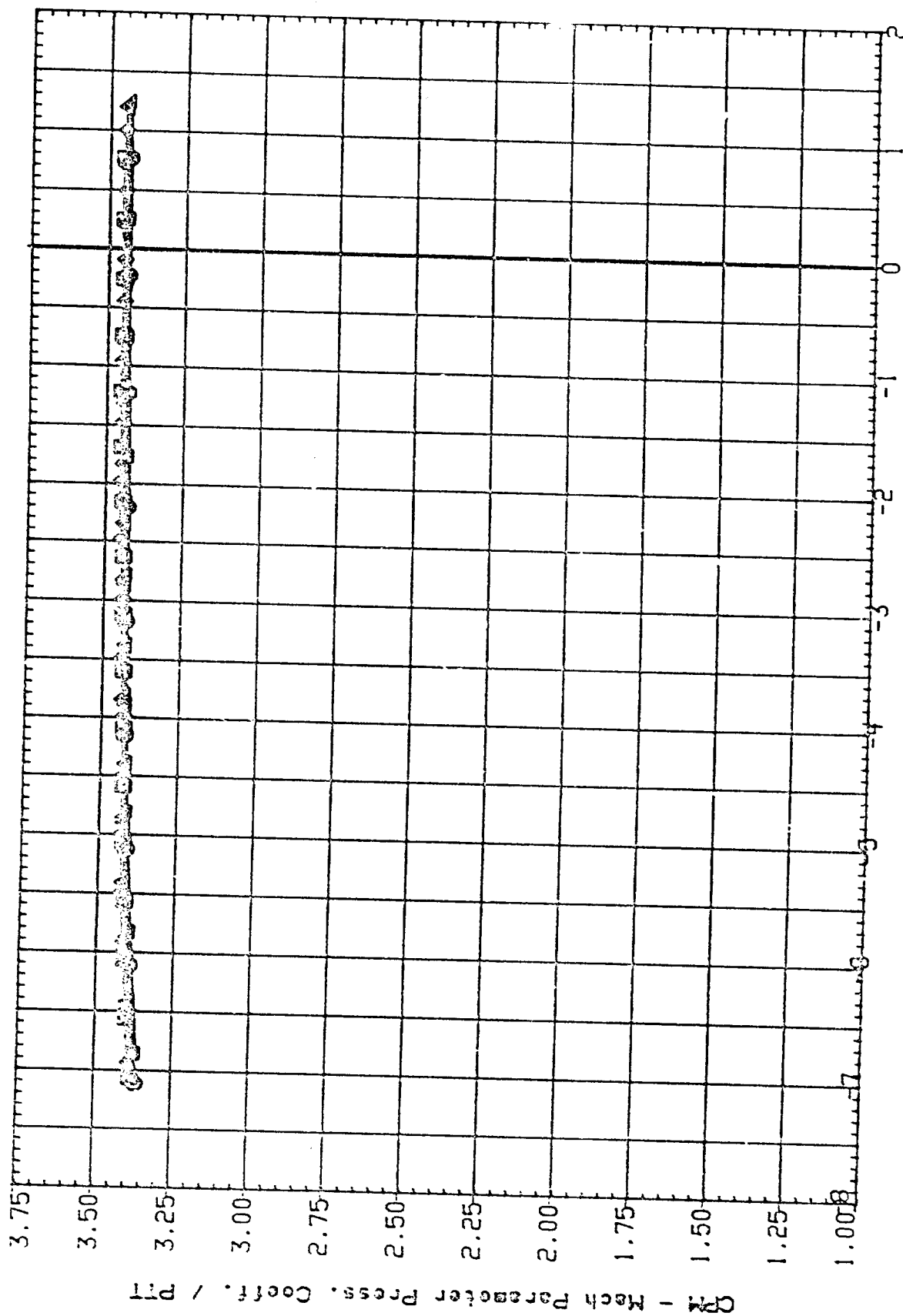


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

(J)MACH = 1.52

DATE 2 OCT 91

DATA / SYMBOL

TCH042
TCH045
TCH049
TCH053
TCH055

IA310 (AEDC 16TF-783) PROBE CALIBRATION
IA310 (AEDC 16TF-783) PROBE CALIBRATION
IA310 (AEDC 16TF-783) PROBE CALIBRATION
IA310 (AEDC 16TF-783) PROBE CALIBRATION
IA310 (AEDC 16TF-783) PROBE CALIBRATION

BET. PHI
-4.000 180.000
-2.000 180.000
.000 180.000
2.000 180.000
4.000 180.000

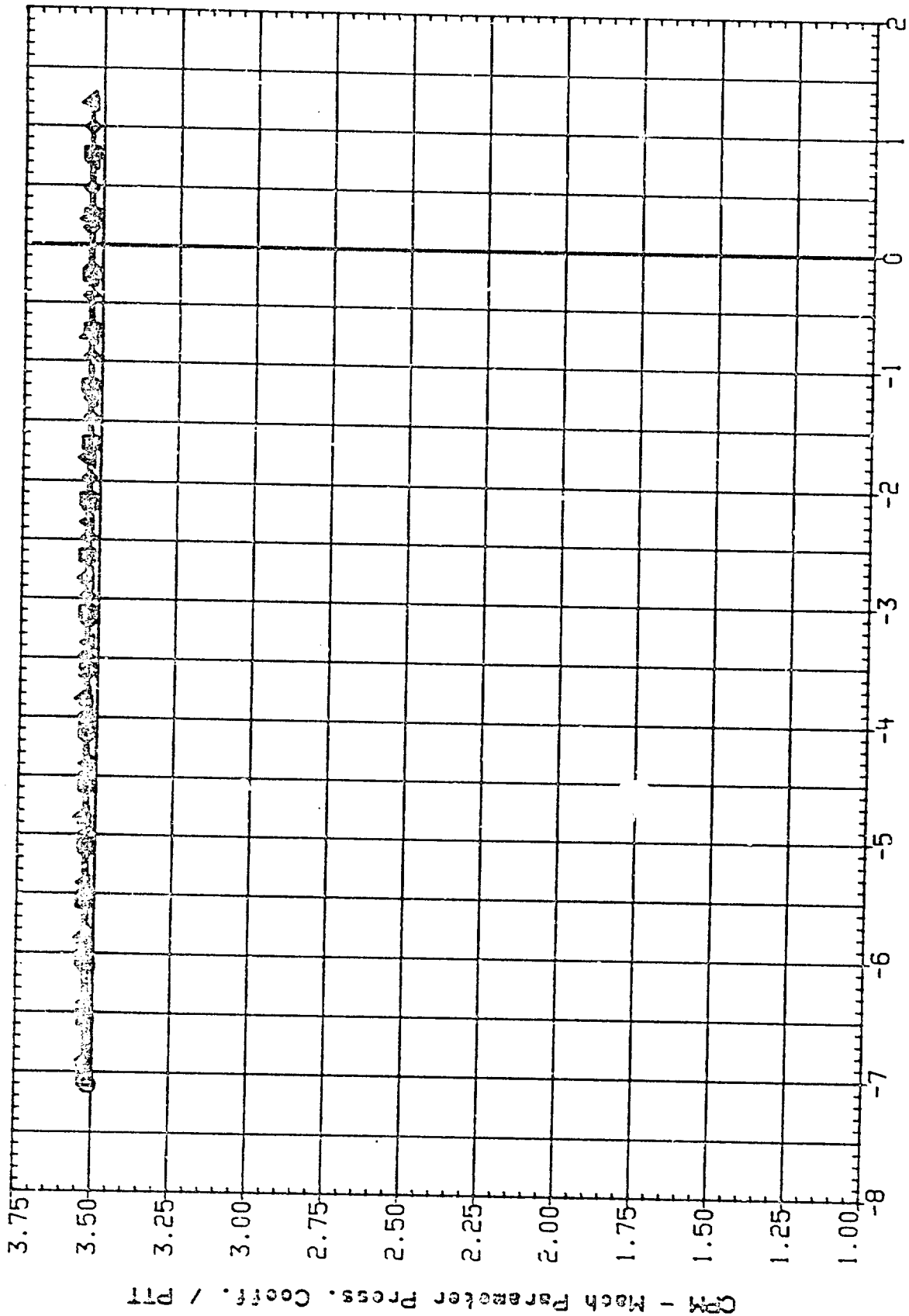


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

(K)MACH = 1.54

DATE 22 OCT 91

DATA SET SYMBOL

TC1042
TC1043
TC1049
TC1053
TC1055

CONFIGURATION

IA310 (AEDC 161F-783) PROBE CALIBRATION
IA310 (AEDC 161F-783) PROBE CALIBRATION
IA310 (AEDC 161F-783) PROBE CALIBRATION
IA310 (AEDC 161F-783) PROBE CALIBRATION
IA310 (AEDC 161F-783) PROBE CALIBRATION

BETA PHI

-4.000 180.000
-2.000 180.000
.000 180.000
2.000 180.000
4.000 180.000

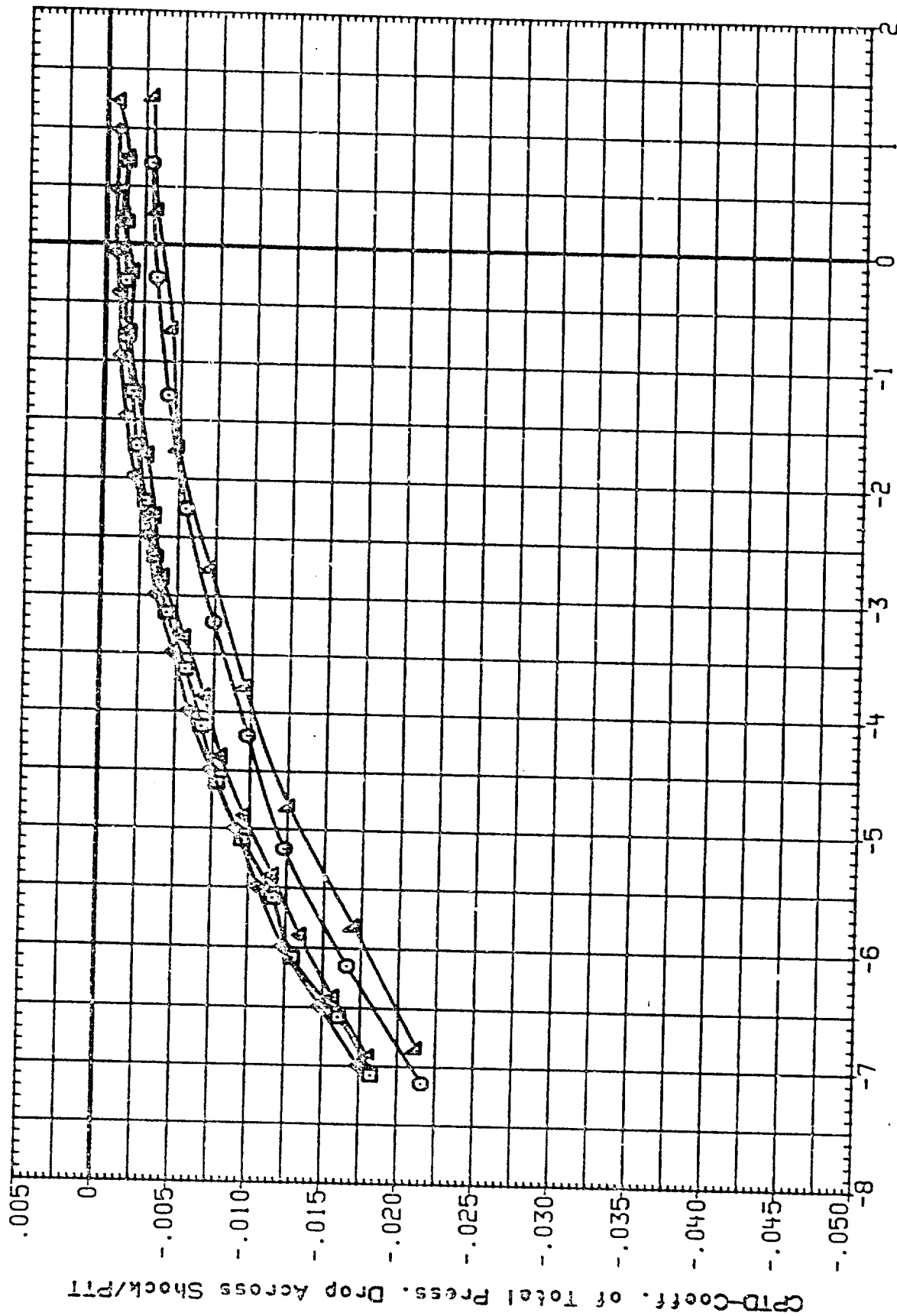


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

(A) MACH = .60

DATE () OCT 91

DATE	SYMBOL	IA310 (AEDC 161F-783)	PROBE CALIBRATION	BE1	PHI
TCH045	○	IA310 (AEDC 161F-783)	PROBE CALIBRATION	-4.000	180.000
TCH046	×	IA310 (AEDC 161F-783)	PROBE CALIBRATION	-2.000	180.000
TCH049	△	IA310 (AEDC 161F-783)	PROBE CALIBRATION	0.000	180.000
TCH053	□	IA310 (AEDC 161F-783)	PROBE CALIBRATION	2.000	180.000
TCH056	◇	IA310 (AEDC 161F-783)	PROBE CALIBRATION	4.000	180.000

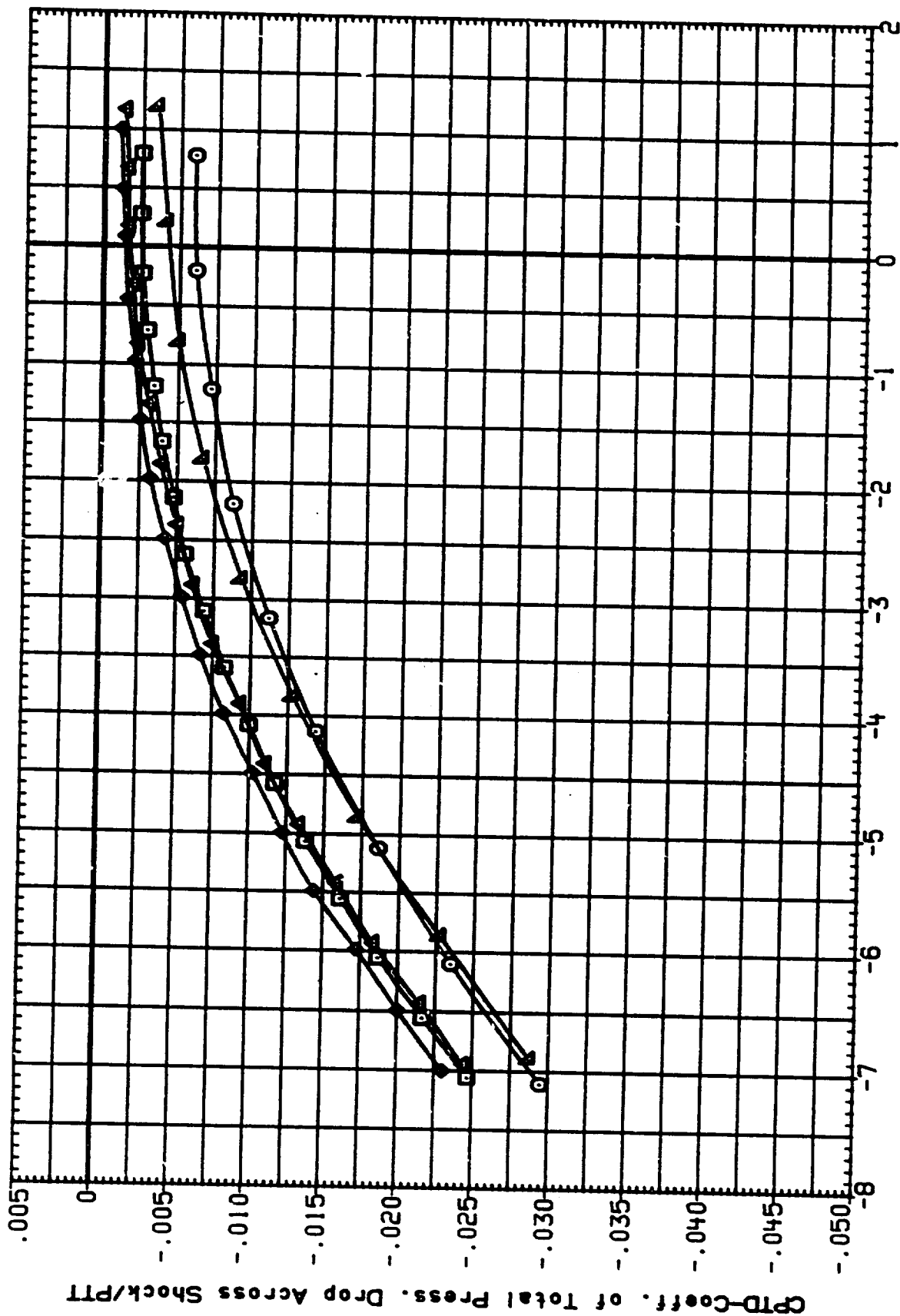


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

(B) MACH = .80

DATE 22 OCT 91

DATA SET SYMBOL

TCH042
TCH045
TCH048
TCH053
TCH055

CONFIGURATION

IA310 (AEDC 161F-783) PROBE CALIBRATION
IA310 (AEDC 161F-783) PROBE CALIBRATION
IA310 (AEDC 161F-783) PROBE CALIBRATION
IA310 (AEDC 161F-783) PROBE CALIBRATION
IA310 (AEDC 161F-783) PROBE CALIBRATION

BETA PHI

-4.000 180.000
-2.000 180.000
.000 180.000
2.000 180.000
4.000 180.000

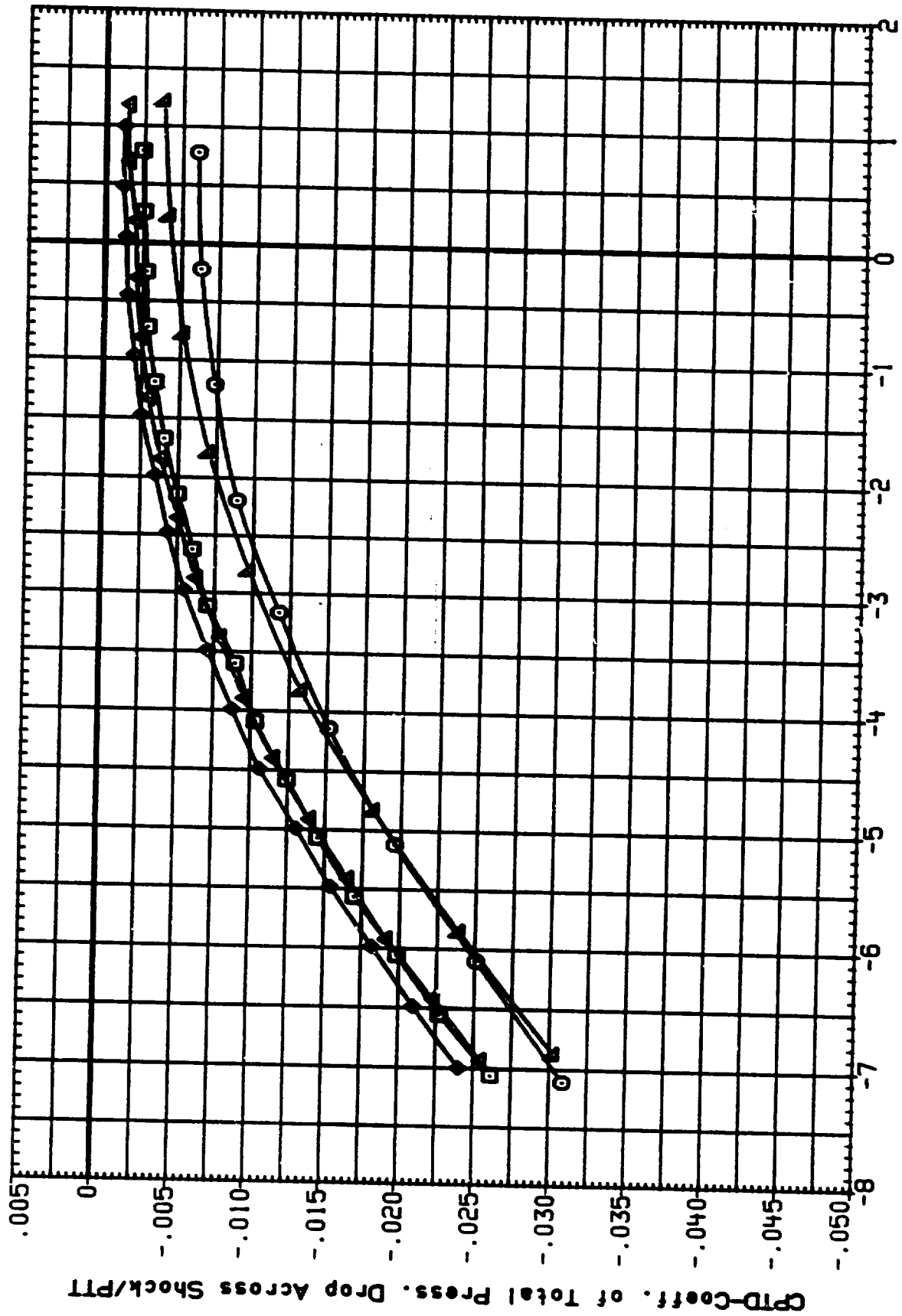


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

(C) 1991 = .90

DATE (OCT 91

PAGE 1

DAY	SYMBOL	CONFIGURATION	BE	PHI
TCH053	□	IA310 (AEDC 161F-783) PROBE CALIBRATION	-4.000	180.000
TCH054	◇	IA310 (AEDC 161F-783) PROBE CALIBRATION	-2.000	180.000
TCH055	△	IA310 (AEDC 161F-783) PROBE CALIBRATION	0.000	180.000
TCH056	×	IA310 (AEDC 161F-783) PROBE CALIBRATION	2.000	180.000

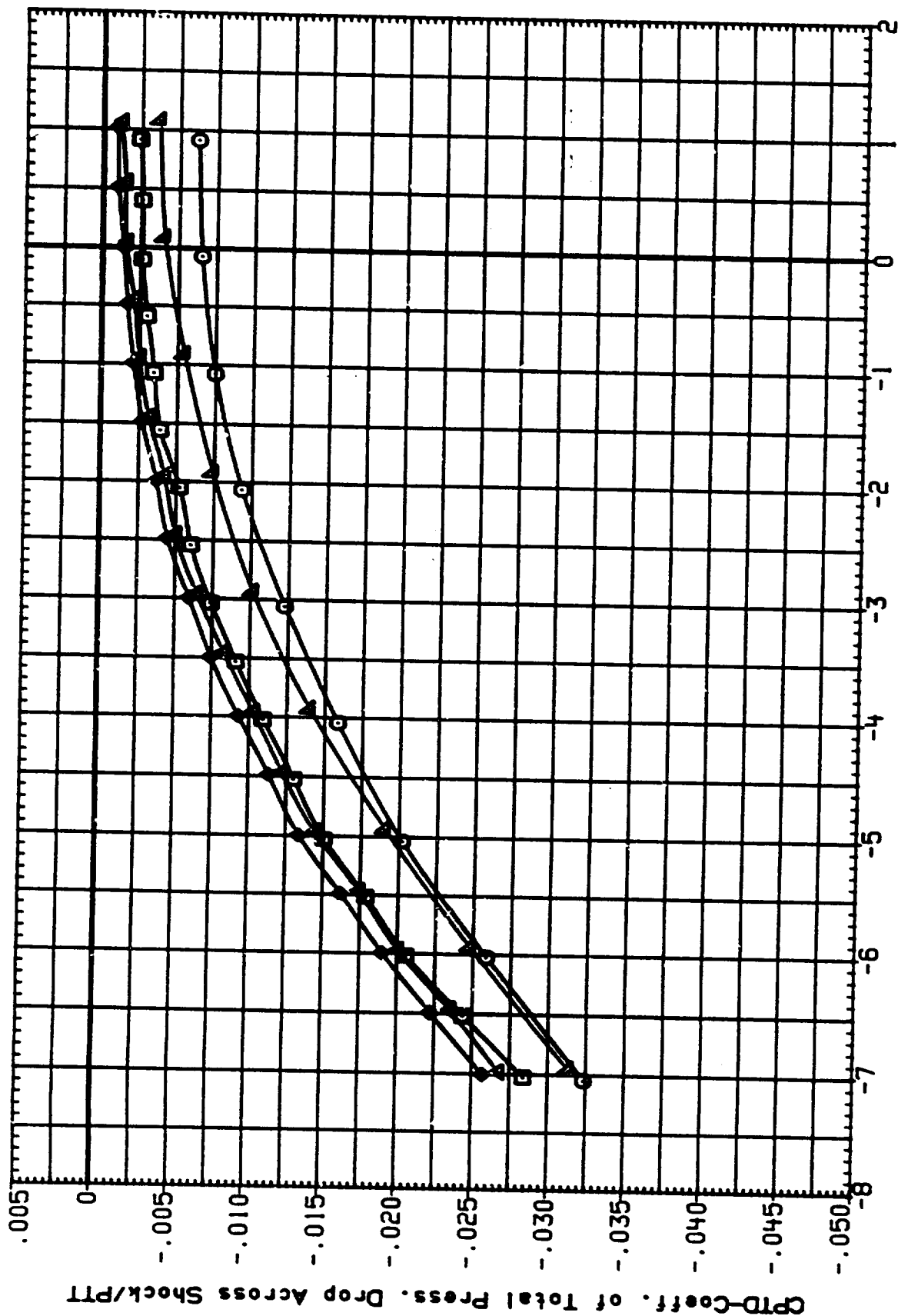


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

(D)MACH = 1.10

DATE 22 OCT 91

DATA SET SYMBOL	CONFIGURATION	BETA	PHI
TCN042	IA310 (AEDC 161F-783) PROBE CALIBRATION	-4.000	180.000
TCN043	IA310 (AEDC 161F-783) PROBE CALIBRATION	-2.000	180.000
TCN049	IA310 (AEDC 161F-783) PROBE CALIBRATION	.000	180.000
TCN053	IA310 (AEDC 161F-783) PROBE CALIBRATION	2.000	180.000
TCN056	IA310 (AEDC 161F-783) PROBE CALIBRATION	4.000	180.000

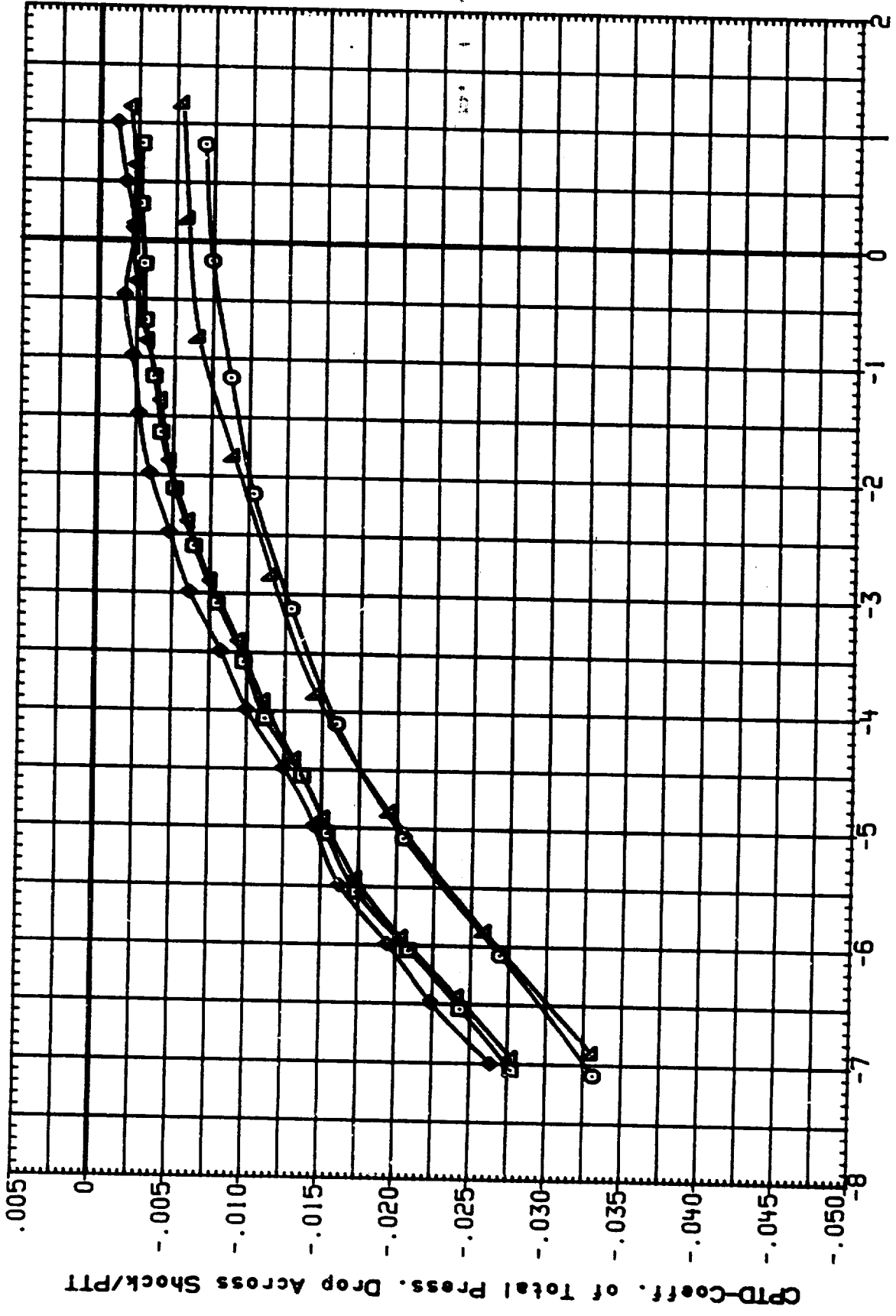


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

(E)MACH = 1.25

DATE 22 OCT 91

DATA SET SYMBOL	CONFIGURATION	BETA	PHI
TC	IA310 (AEDC 181F-783) PROBE CALIBRATION	-4.000	180.000
TC	IA310 (AEDC 181F-783) PROBE CALIBRATION	-2.000	180.000
TC	IA310 (AEDC 181F-783) PROBE CALIBRATION	2.000	180.000
TC	IA310 (AEDC 181F-783) PROBE CALIBRATION	4.000	180.000

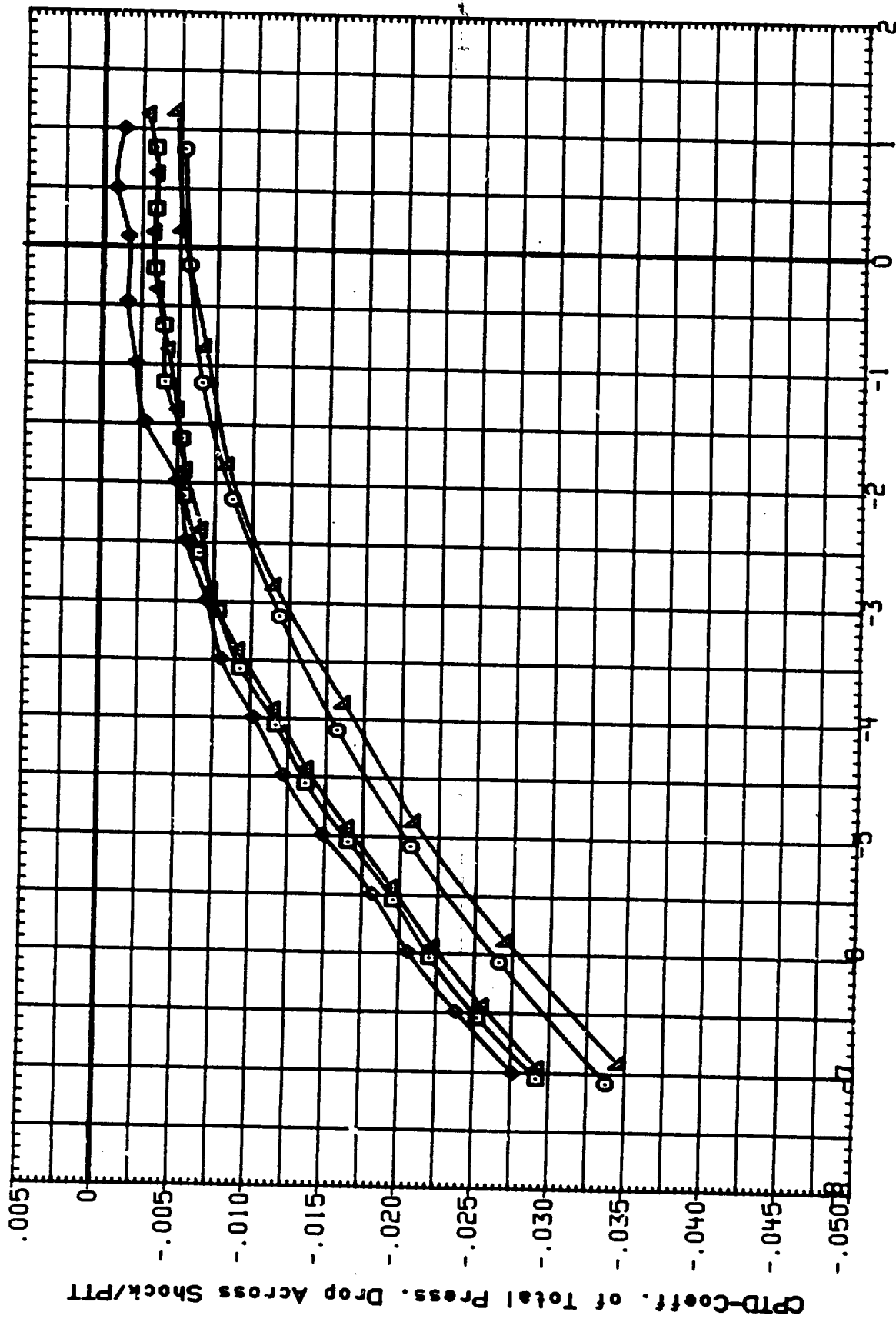


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

(F)MACH = 1.40

DATE 22 OCT 91

DATA SET SYMBOL	CONFIGURATION	BETA	PHI
TCN042	IA310 (AEDC 18TF-783) PROBE CALIBRATION	-4.000	180.000
TCN045	IA310 (AEDC 18TF-783) PROBE CALIBRATION	-2.000	180.000
TCN048	IA310 (AEDC 18TF-783) PROBE CALIBRATION	.000	180.000
TCN053	IA310 (AEDC 18TF-783) PROBE CALIBRATION	2.000	180.000
TCN056	IA310 (AEDC 18TF-783) PROBE CALIBRATION	4.000	180.000

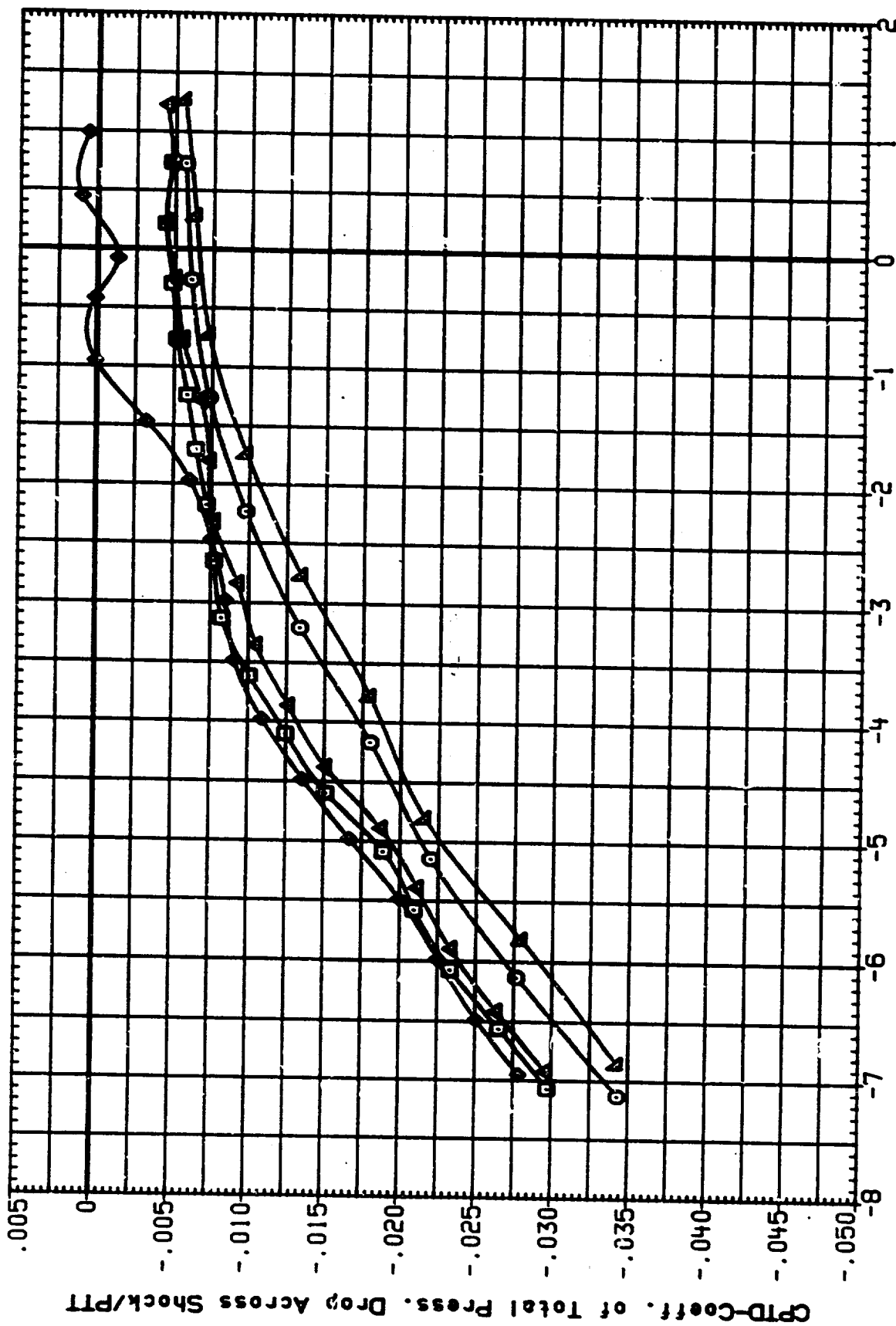


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

(G)MACH = 1.45

DATE 22 OCT 91

DATA SET SYMBOL	CONFIGURATION	BETA	PHI
TCM042	IA310 (AEDC 181F-783) PROBE CALIBRATION	-4.000	180.000
TCM045	IA310 (AEDC 181F-783) PROBE CALIBRATION	-2.000	180.000
TCM048	IA310 (AEDC 181F-783) PROBE CALIBRATION	2.000	180.000
TCM053	IA310 (AEDC 181F-783) PROBE CALIBRATION	4.000	180.000
TCM056	IA310 (AEDC 181F-783) PROBE CALIBRATION		

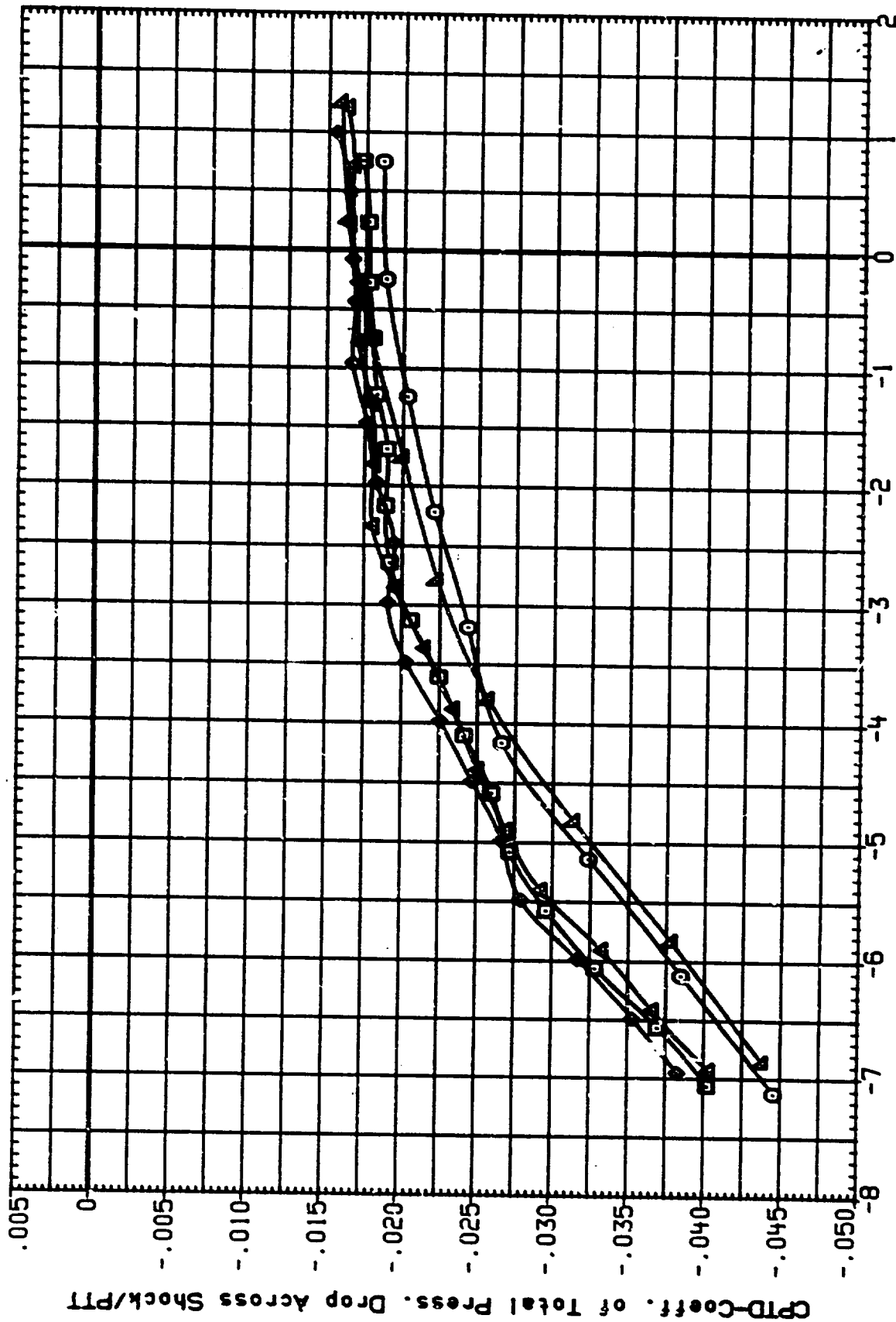


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

(H)MACH = 1.47

DATE 22 OCT 91

DATA SET SYMBOL	CONFIGURATION	BETA	PHI
TCH042	IA310 (AEDC 16TF-783) PROBE CALIBRATION	-4.000	180.000
TCH045	IA310 (AEDC 16TF-783) PROBE CALIBRATION	-2.000	180.000
TCH049	IA310 (AEDC 16TF-783) PROBE CALIBRATION	.000	180.000
TCH053	IA310 (AEDC 16TF-783) PROBE CALIBRATION	2.000	180.000
TCH056	IA310 (AEDC 16TF-783) PROBE CALIBRATION	4.000	180.000

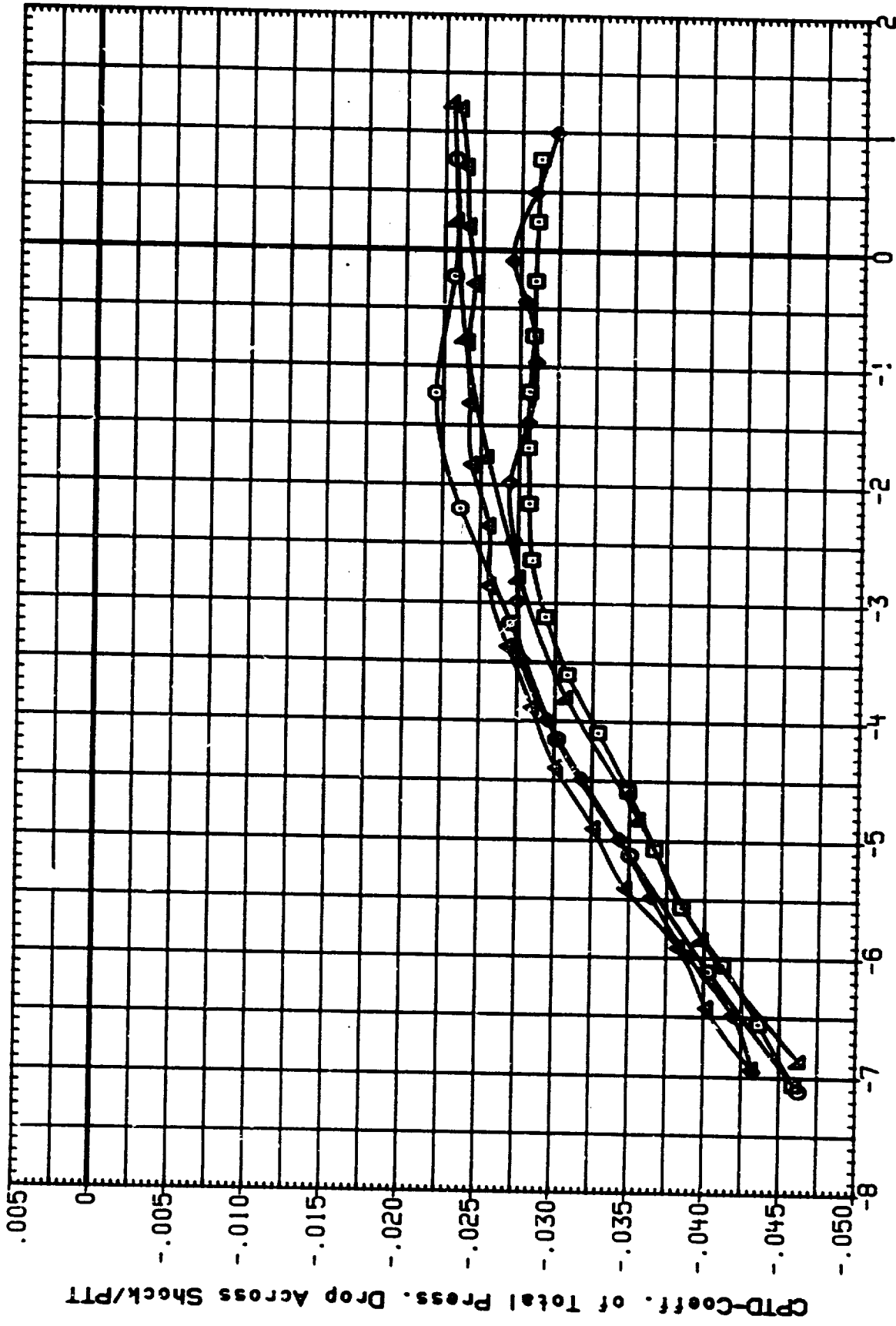


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

(1)MACH = 1.49

DATE 22 OCT 91

DATA SET SYMBOL	CONFIGURATION	BETA	PHI
TCN042	IA310 (AEDC 16TF-783) PROBE CALIBRATION	4.000	180.000
TCN043	IA310 (AEDC 16TF-783) PROBE CALIBRATION	-2.000	180.000
TCN049	IA310 (AEDC 16TF-783) PROBE CALIBRATION	2.000	180.000
TCN053	IA310 (AEDC 16TF-783) PROBE CALIBRATION	4.000	180.000
TCN056	IA310 (AEDC 16TF-783) PROBE CALIBRATION	4.000	180.000

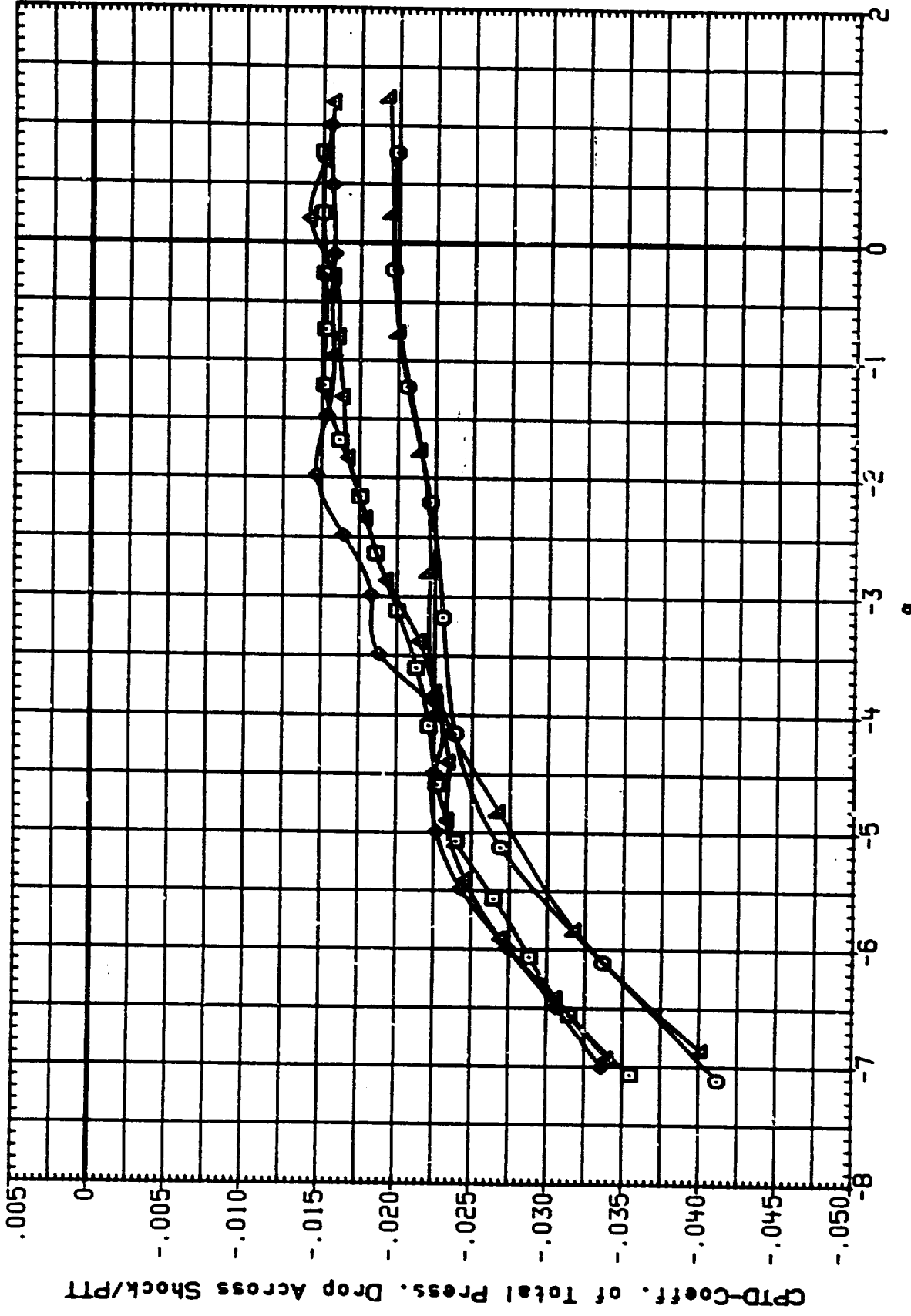


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

(J)MACH = 1.52

DATE 22 OCT 91

DATA SET	SYMBOL	CONFIGURATION	BETA	PHI
TC042	○	IA310 (AEDC 18TF-783) PROBE CALIBRATION	-4.000	180.000
TC045	○	IA310 (AEDC 18TF-783) PROBE CALIBRATION	-2.000	180.000
TC0549	△	IA310 (AEDC 18TF-783) PROBE CALIBRATION	.000	180.000
TC053	△	IA310 (AEDC 18TF-783) PROBE CALIBRATION	2.000	180.000
TC056	△	IA310 (AEDC 18TF-783) PROBE CALIBRATION	4.000	180.000

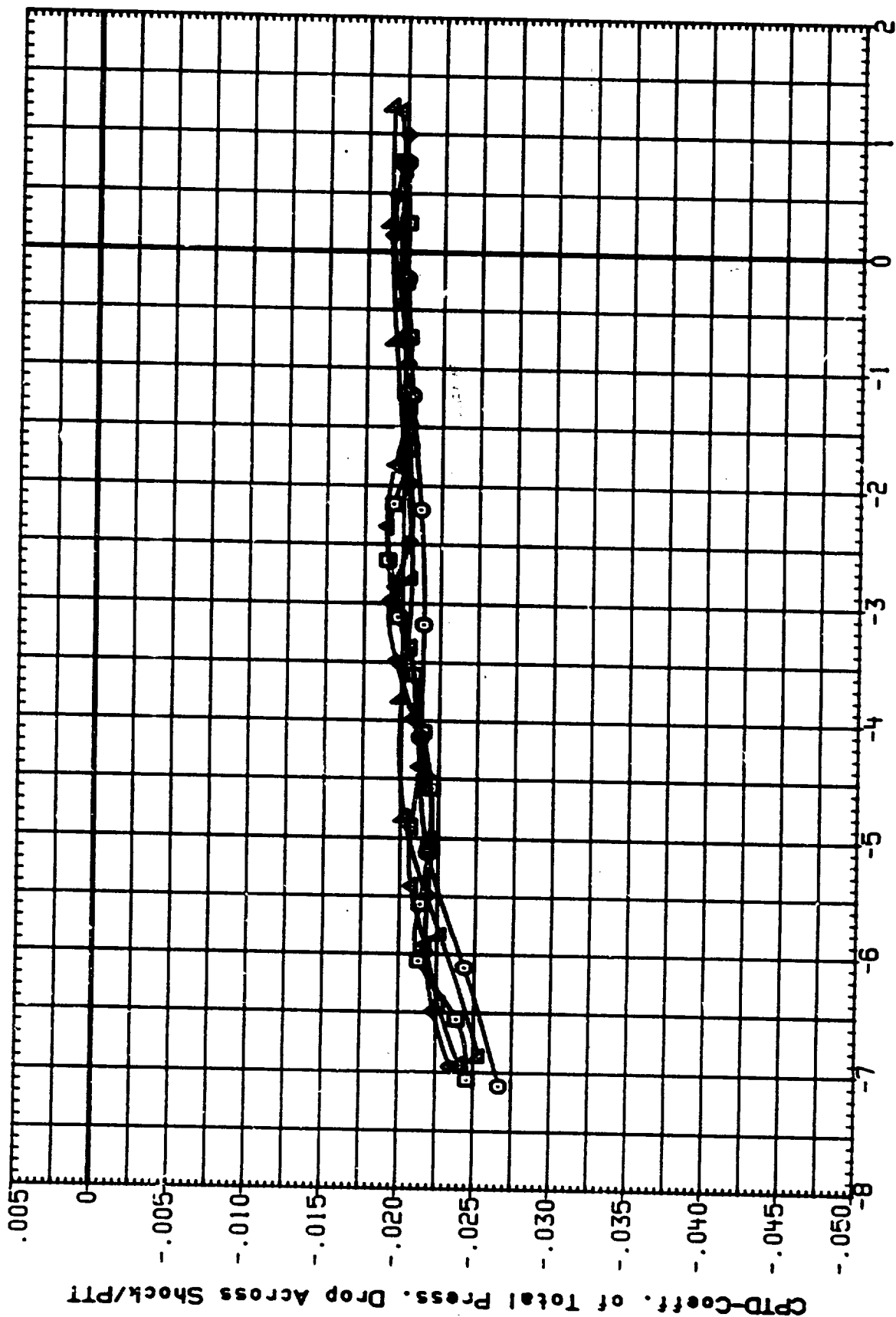


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

(K)MACH = 1.54

DATE 22 OCT 91

DATA SET SYMBOL	CONFIGURATION	BETA	PHI
ICH042	IA310 (AEDC 161F-783) PROBE CALIBRATION	-4.000	180.000
ICH043	IA310 (AEDC 161F-783) PROBE CALIBRATION	-2.000	180.000
ICH048	IA310 (AEDC 161F-783) PROBE CALIBRATION	.000	180.000
ICH053	IA310 (AEDC 161F-783) PROBE CALIBRATION	2.000	180.000
ICH056	IA310 (AEDC 161F-783) PROBE CALIBRATION	4.000	180.000

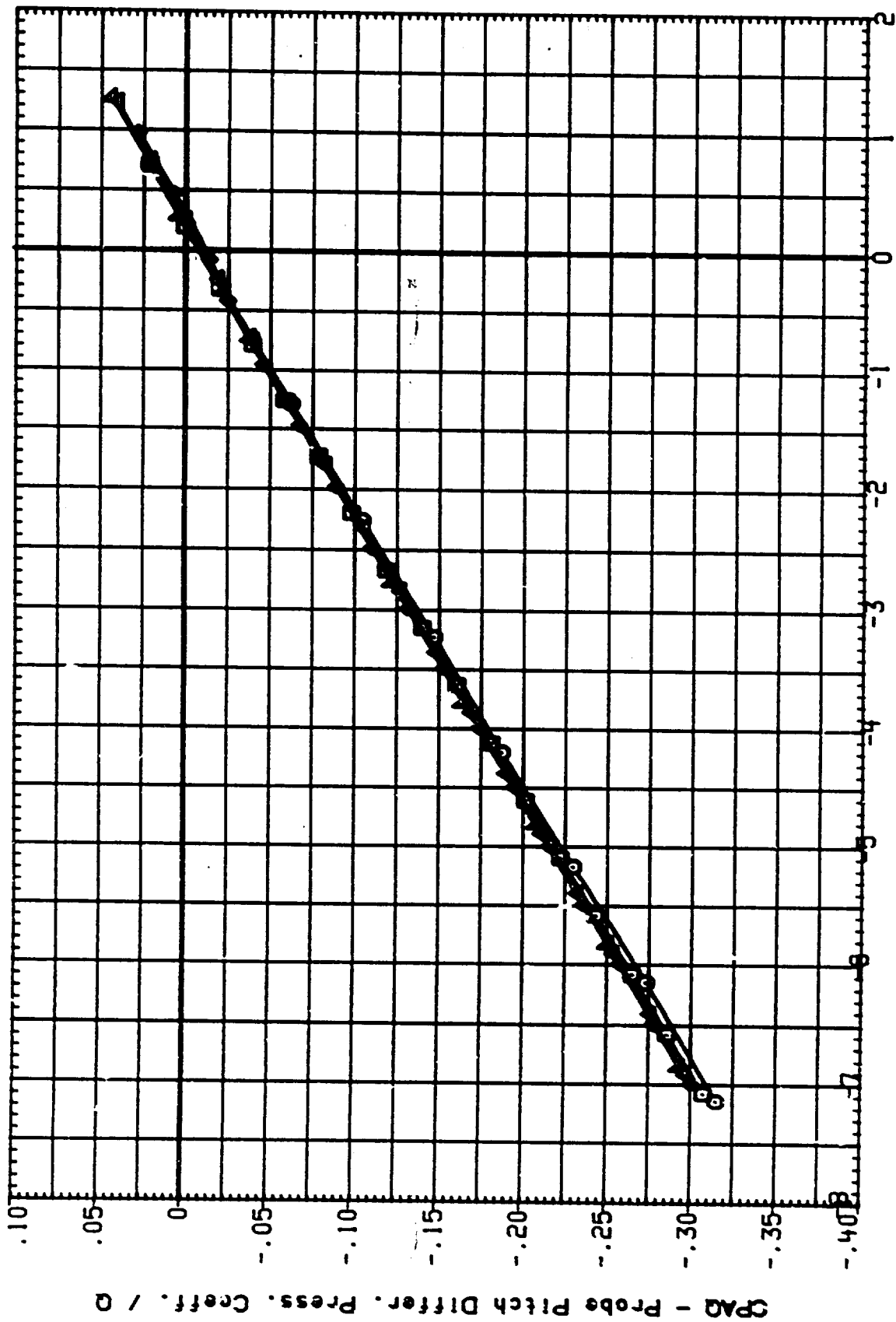


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

(A) MACH = .60

DATE 22 OCT 91

DATA SET SYMBOL

TCH042
TCH045
TCH048
TCH053
TCH056

CONFIGURATION

IA310 (AEOC 16TF-783) PROBE CALIBRATION
IA310 (AEOC 16TF-783) PROBE CALIBRATION
IA310 (AEOC 16TF-783) PROBE CALIBRATION
IA310 (AEOC 16TF-783) PROBE CALIBRATION
IA310 (AEOC 16TF-783) PROBE CALIBRATION

BETA PHI

-4.000 180.000
-2.000 180.000
.000 180.000
2.000 180.000
4.000 180.000

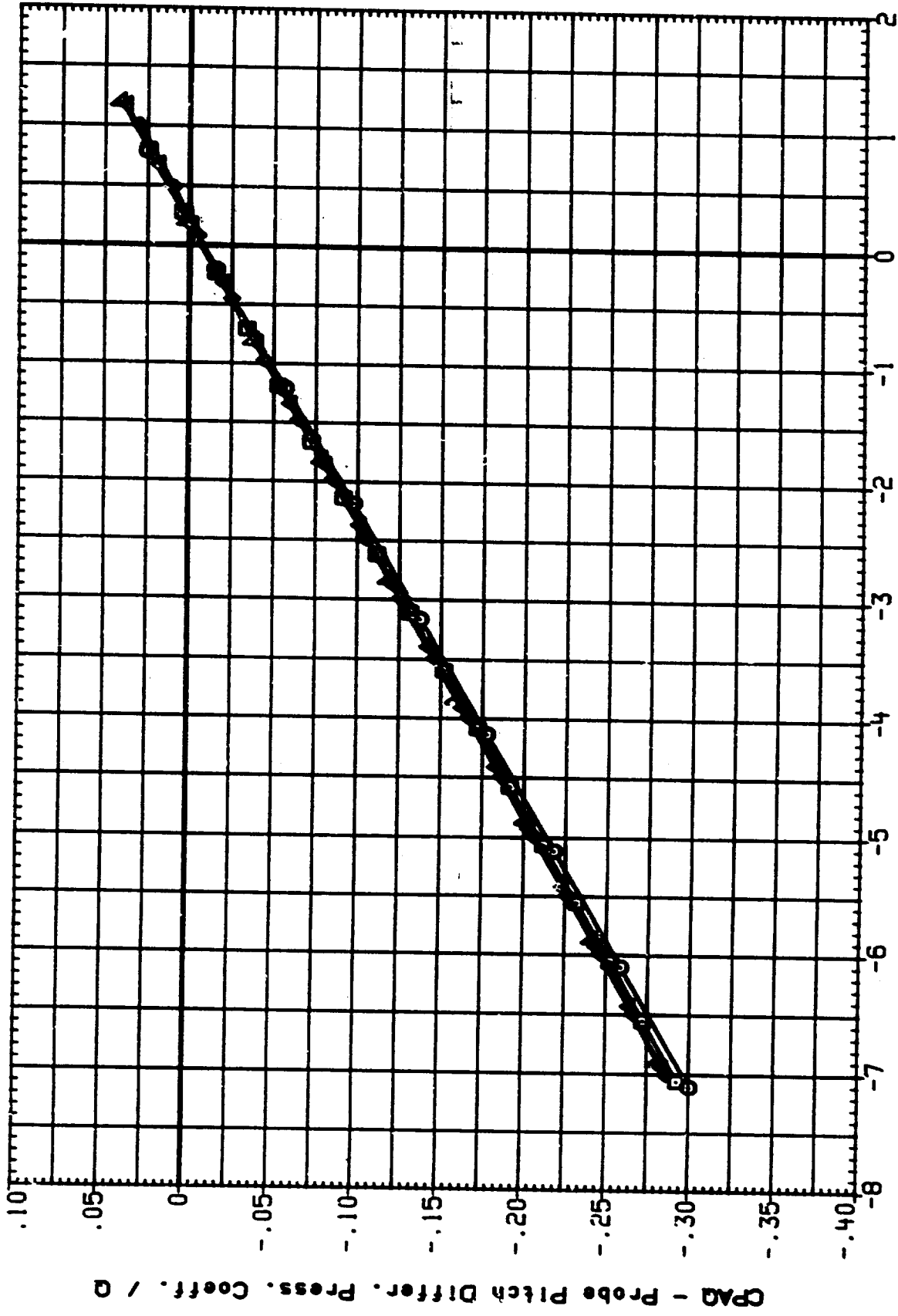


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

'B)MACH = .80

DATE 22 OCT 91

TA SET SYMBOL	CONFIGURATION	TA	PHI
CH042	IA310 (AEDC 16TF-783) PROBE CALIBRATION	4.000	180.000
CH043	IA310 (AEDC 16TF-783) PROBE CALIBRATION	-2.000	180.000
CH048	IA310 (AEDC 16TF-783) PROBE CALIBRATION	0.000	180.000
CH053	IA310 (AEDC 16TF-783) PROBE CALIBRATION	2.000	180.000
CH056	IA310 (AEDC 16TF-783) PROBE CALIBRATION	4.000	180.000

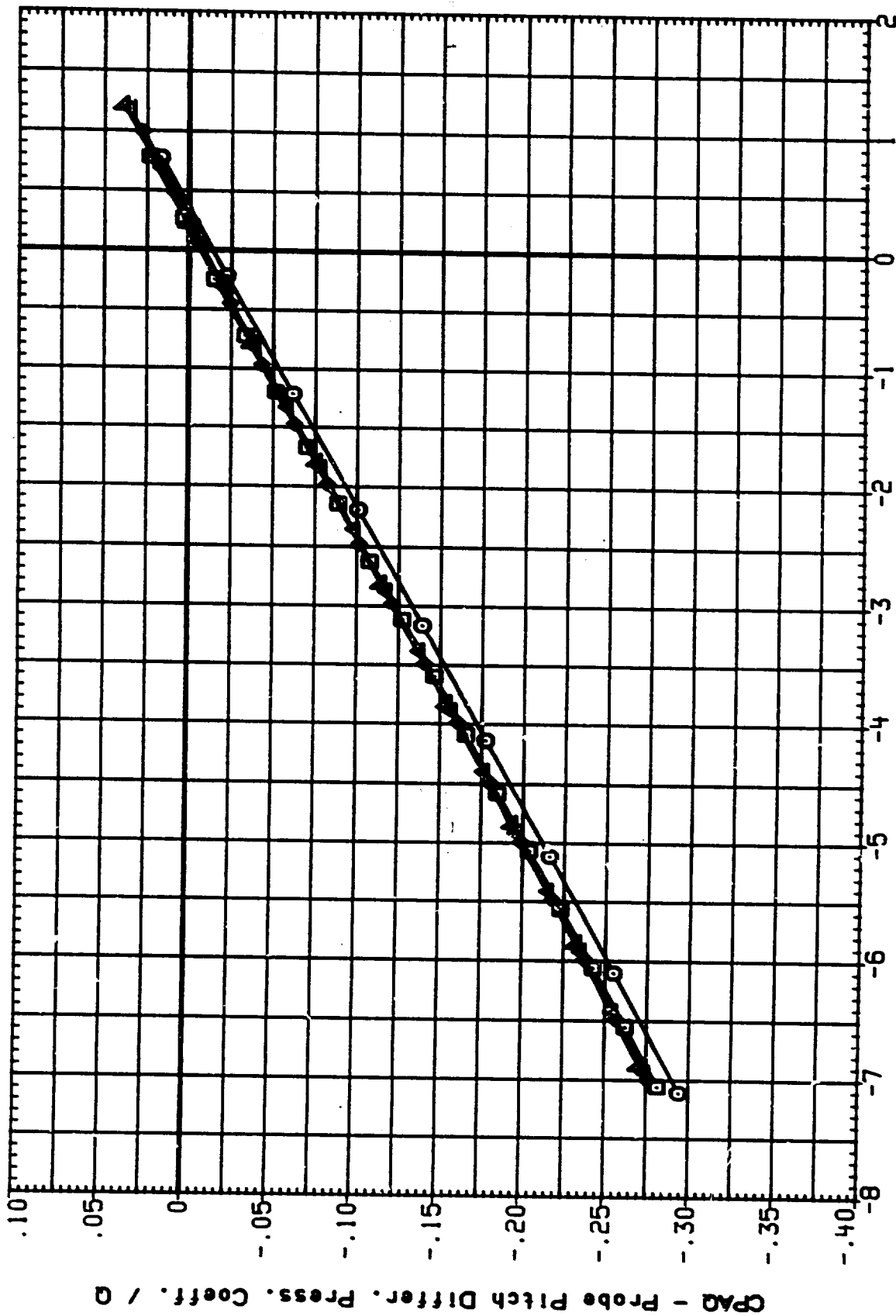


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

(C)MACH = .90

DATE 22 OCT 91

DATA SET SYMBOL

TCH042
TCH045
TCH048
TCH053
TCH056

CONFIGURATION

IA310 (AEDC 16TF-783) PROBE CALIBRATION
IA310 (AEDC 16TF-783) PROBE CALIBRATION
IA310 (AEDC 16TF-783) PROBE CALIBRATION
IA310 (AEDC 16TF-783) PROBE CALIBRATION
IA310 (AEDC 16TF-783) PROBE CALIBRATION

BETA PHI

-4.000 180.000
-2.000 180.000
0.000 180.000
2.000 180.000
4.000 180.000

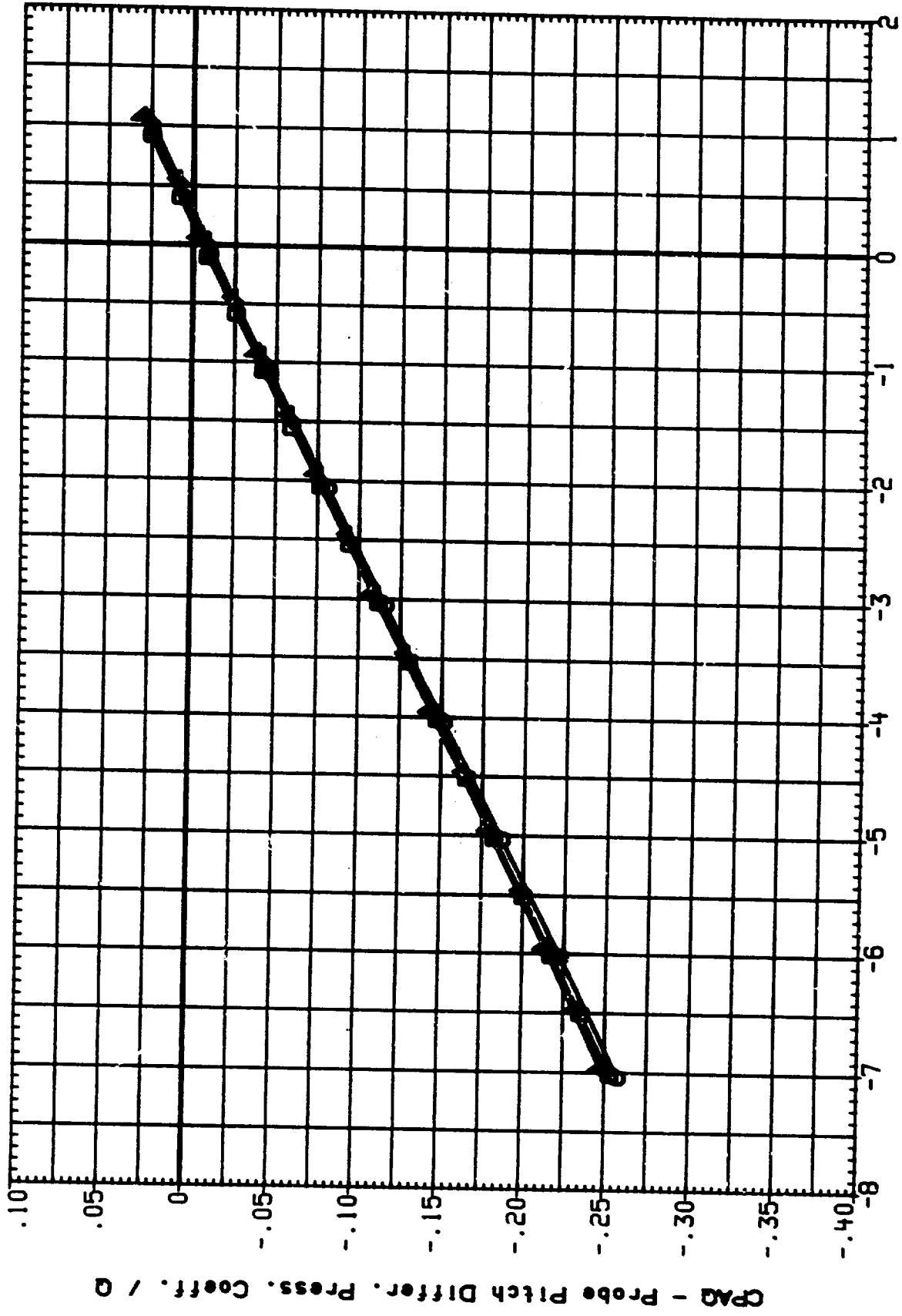


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

(D)MACH = 1.10

DATE 22 OCT 91

TA SET SYMBOL

CH042
(CH045
TCH049
TCH053
TCH056

CONFIGURATION

IA310 (AEDC 18TF-783) PROBE CALIBRATION
IA310 (AEDC 18TF-783) PROBE CALIBRATION
IA310 (AEDC 18TF-783) PROBE CALIBRATION
IA310 (AEDC 18TF-783) PROBE CALIBRATION

ETA PHI

1.000 180.000
-2.000 180.000
.000 180.000
2.000 180.000
4.000 180.000

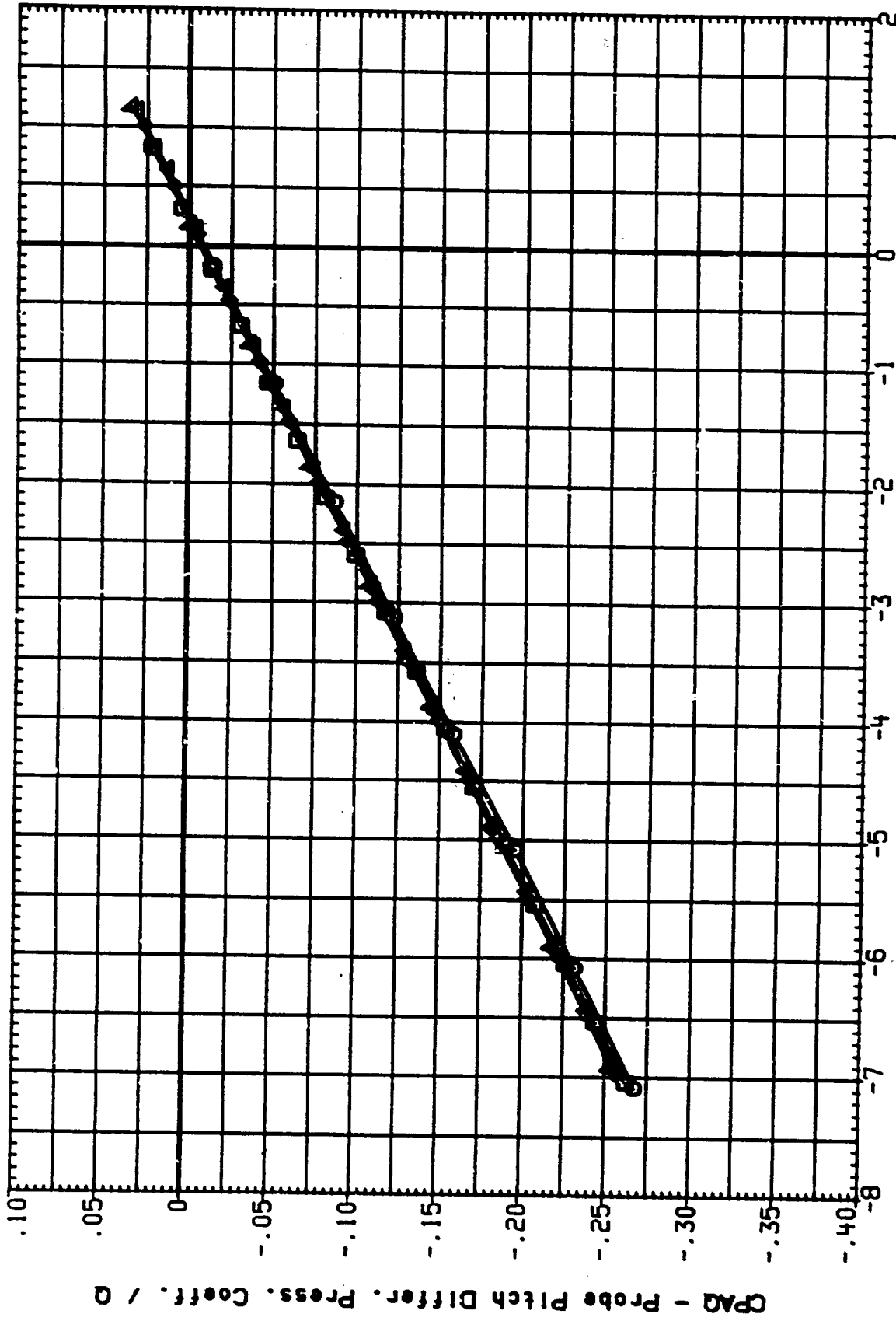


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

(E)MACH = 1.25

DATE 22 OCT 91

DATA SET SYMBOL	CONFIGURATION	BETA	PHI
TCHW42	IA310 (AEDC 181F-783) PROBE CALIBRATION	-4.000	180.000
TCHW45	IA310 (AEDC 181F-783) PROBE CALIBRATION	-2.000	180.000
TCHW49	IA310 (AEDC 181F-783) PROBE CALIBRATION	.000	180.000
TCHW53	IA310 (AEDC 181F-783) PROBE CALIBRATION	2.000	180.000
TCHW56	IA310 (AEDC 181F-783) PROBE CALIBRATION	4.000	180.000

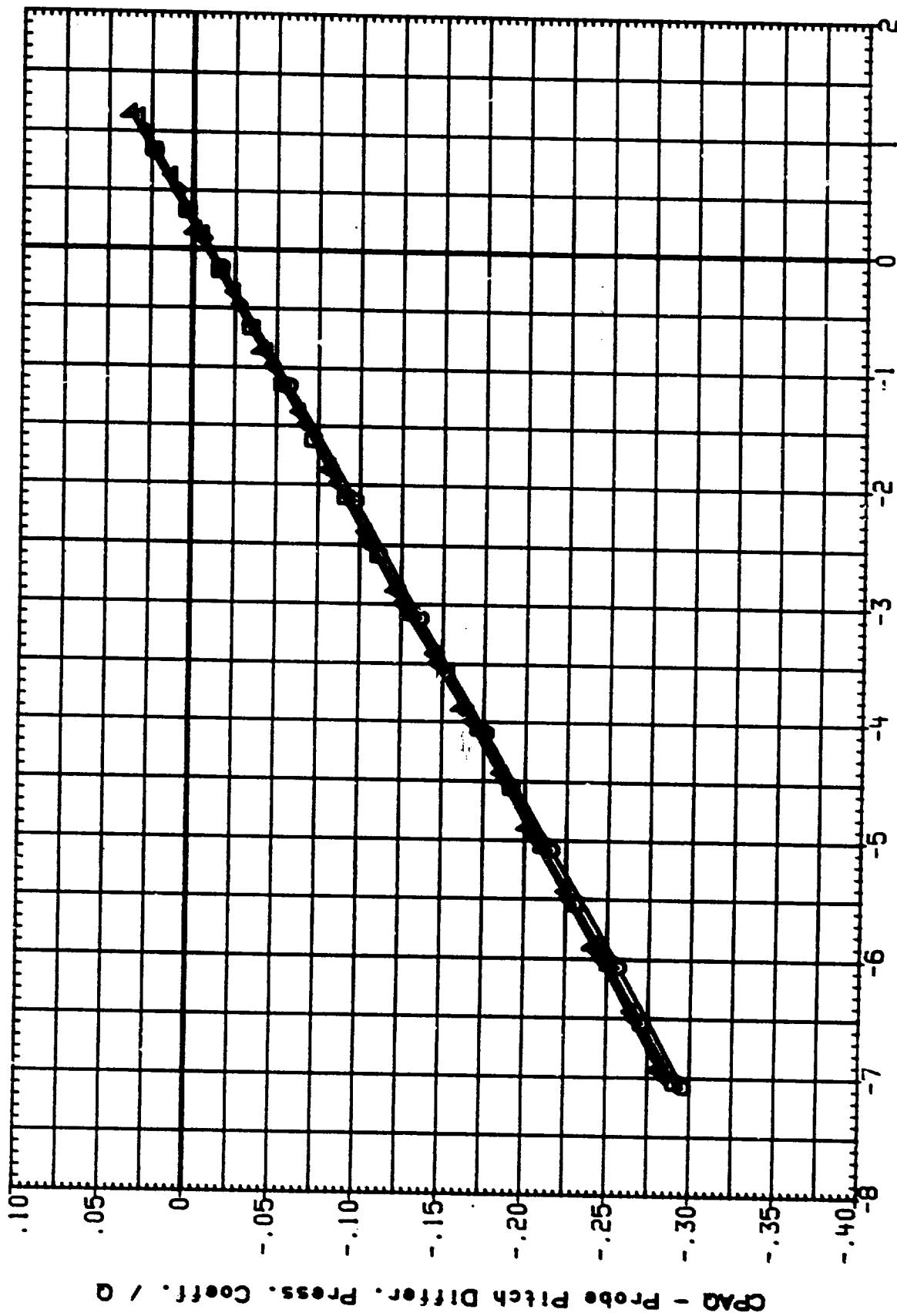


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

(F)MACH = 1.40

DATE 22 OCT 91

ATA SET SYMBOL CONFIGURATION ETA PHI

TCM02	IA310 (AEDC 161F-783) PROBE CALIBRATION	-4.000	180.000
TCM03	IA310 (AEDC 161F-783) PROBE CALIBRATION	-2.000	180.000
TCM04	IA310 (AEDC 161F-783) PROBE CALIBRATION	0.000	180.000
TCM05	IA310 (AEDC 161F-783) PROBE CALIBRATION	2.000	180.000
TCM06	IA310 (AEDC 161F-783) PROBE CALIBRATION	4.000	180.000

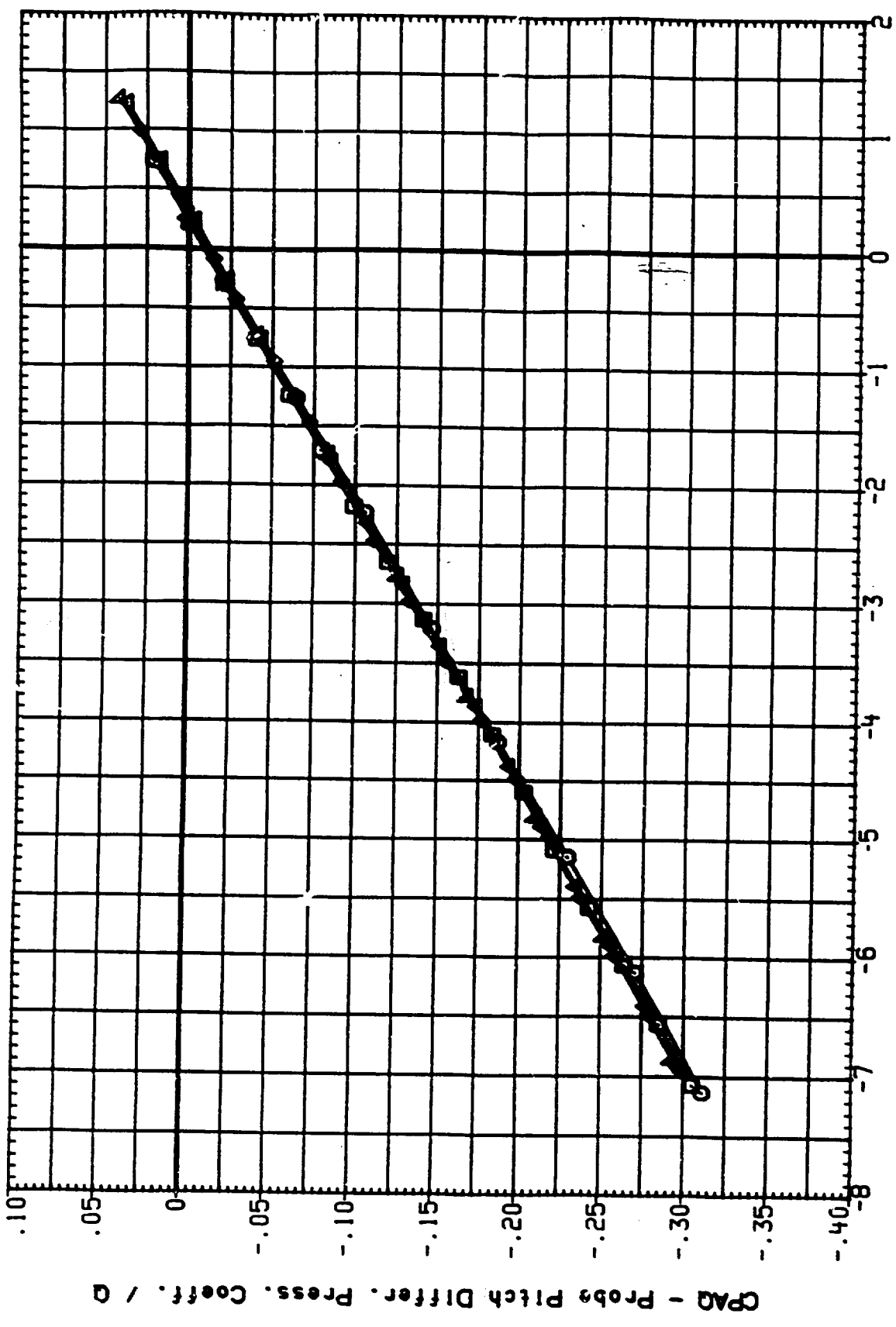


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

(G)MACH = 1.45

DATE 22 OCT 91

DATA SET SYMBOL

TCH042
TCH045
TCH048
TCH053
TCH056

CONFIGURATION

IA310 (AEDC 16TF-783) PROBE CALIBRATION
IA310 (AEDC 16TF-783) PROBE CALIBRATION
IA310 (AEDC 16TF-783) PROBE CALIBRATION
IA310 (AEDC 16TF-783) PROBE CALIBRATION
IA310 (AEDC 16TF-783) PROBE CALIBRATION

BETA PHI

-4.000 180.000
-2.000 180.000
.000 180.000
2.000 180.000
4.000 180.000

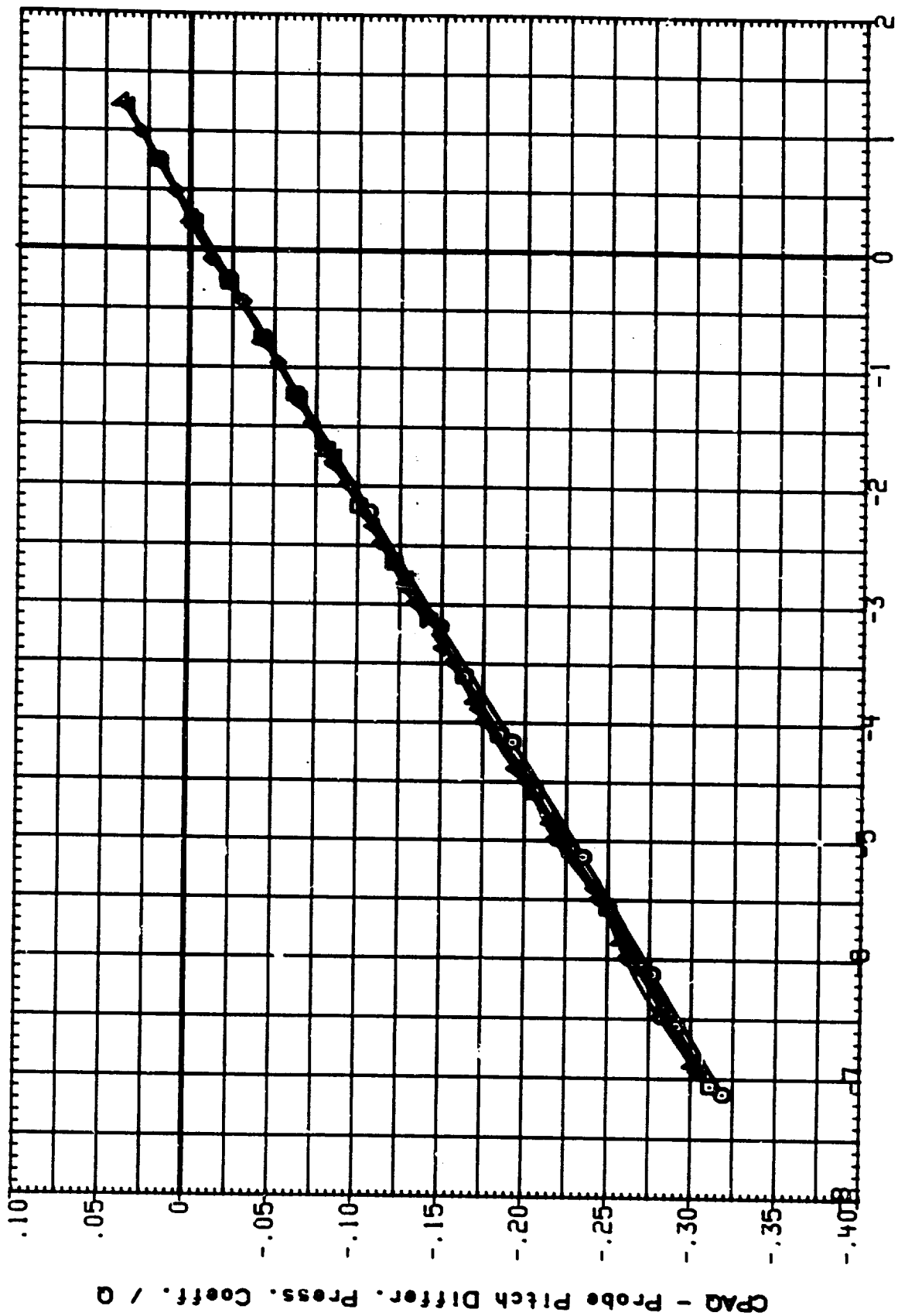


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

TA SET SYMBOL	CONFIGURATION	TA	PHI
H042	IA310 (AEDC 161F-783) PROBE CALIBRATION	.000	180.000
H045	IA310 (AEDC 161F-783) PROBE CALIBRATION	-2.000	180.000
TCH059	IA310 (AEDC 161F-783) PROBE CALIBRATION	2.000	180.000
TCH053	IA310 (AEDC 161F-783) PROBE CALIBRATION	4.000	180.000

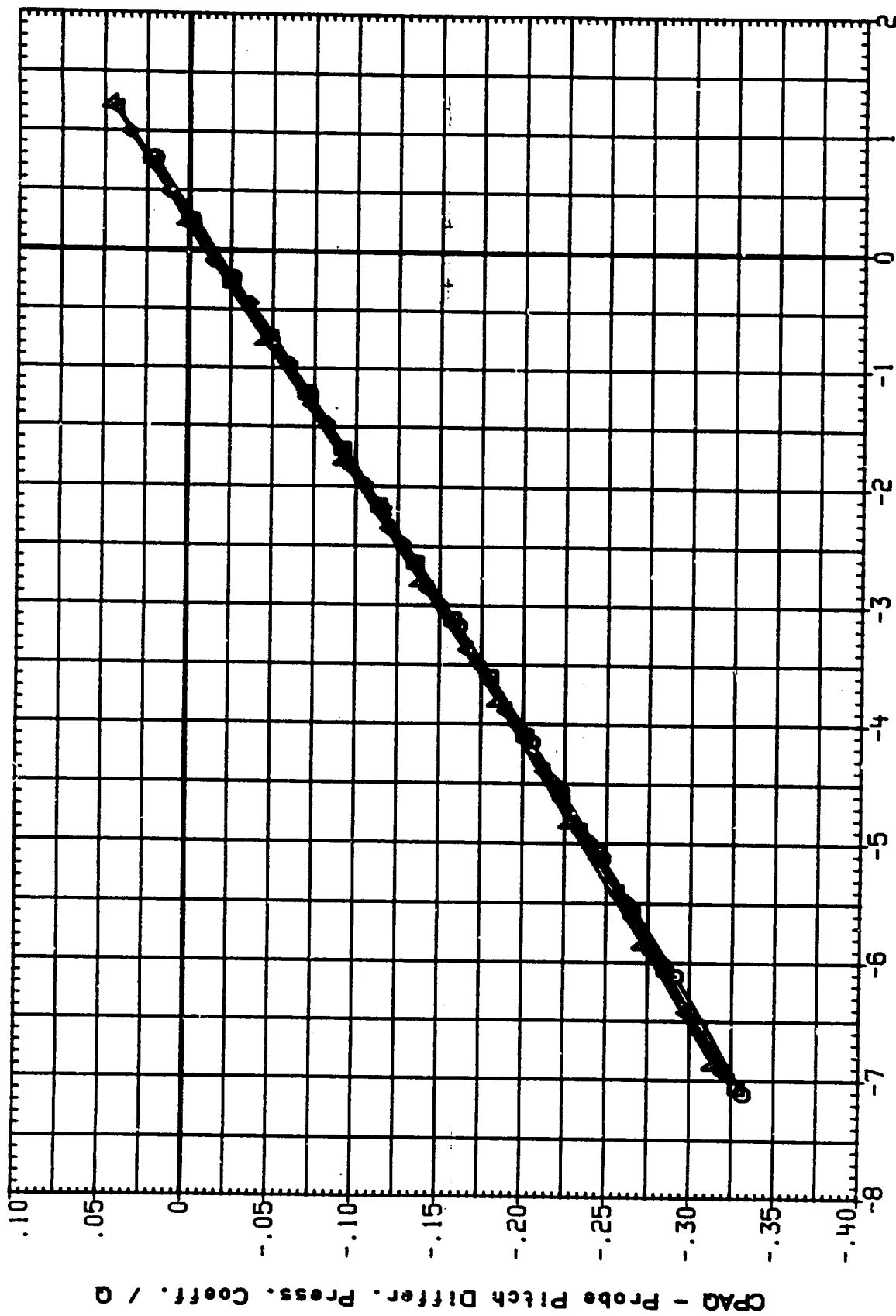


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

(1) MACH = 1.49

DATE 22 OCT 91

DATA SET SYMBOL

TCH042
TCH045
TCH048
TCH053
TCH056



CONFIGURATION

IA310 (AEDC 161F-783) PROBE CALIBRATION
IA310 (AEDC 161F-783) PROBE CALIBRATION
IA310 (AEDC 161F-783) PROBE CALIBRATION
IA310 (AEDC 161F-783) PROBE CALIBRATION
IA310 (AEDC 161F-783) PROBE CALIBRATION

BETA PHI

-4.000 180.000
-2.000 180.000
.000 180.000
2.000 180.000
4.000 180.000

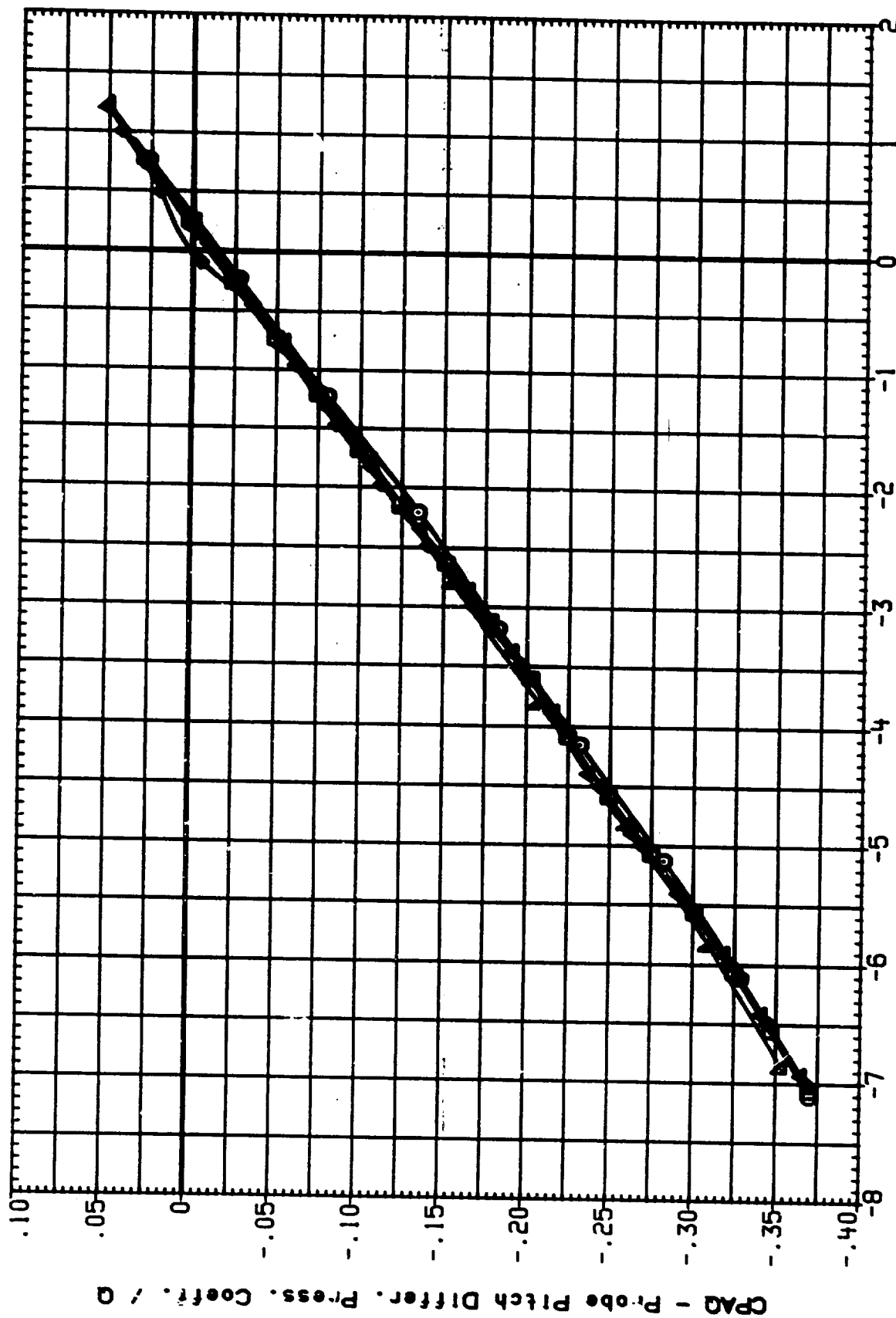


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

MACH = 1.52

DATE 22 OCT 91

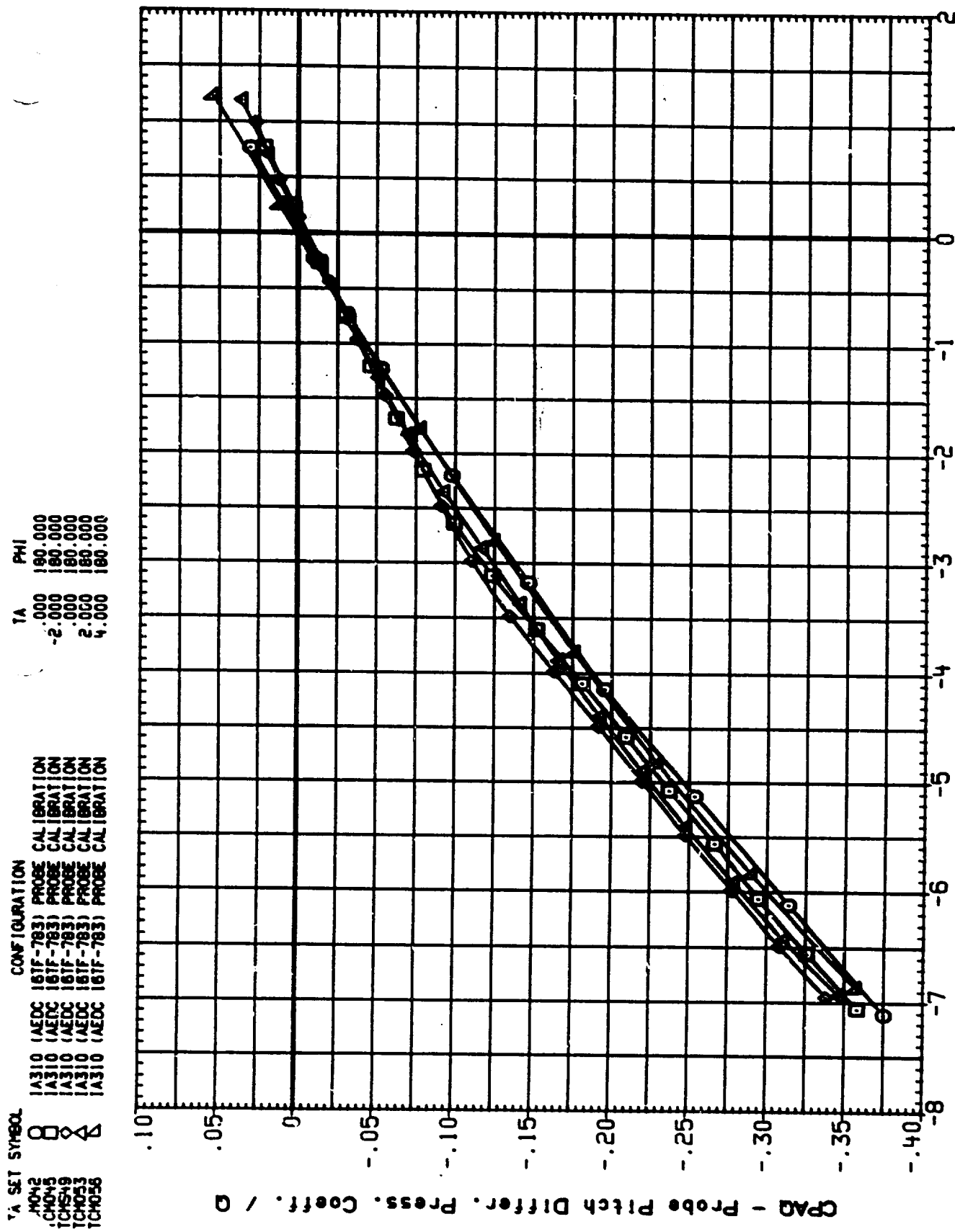


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

(K)MACH = 1.54

DATE 22 OCT 91

DATA SET SYMBOL

TCH042
TCH045
TCH049
TCH053
TCH056

CONFIGURATION

IA310 (AEDC 16TF-783) PROBE CALIBRATION
IA310 (AEDC 16TF-783) PROBE CALIBRATION
IA310 (AEDC 16TF-783) PROBE CALIBRATION
IA310 (AEDC 16TF-783) PROBE CALIBRATION
IA310 (AEDC 16TF-783) PROBE CALIBRATION

BETA PHI

-4.000 180.000
-2.000 180.000
2.000 180.000
4.000 180.000

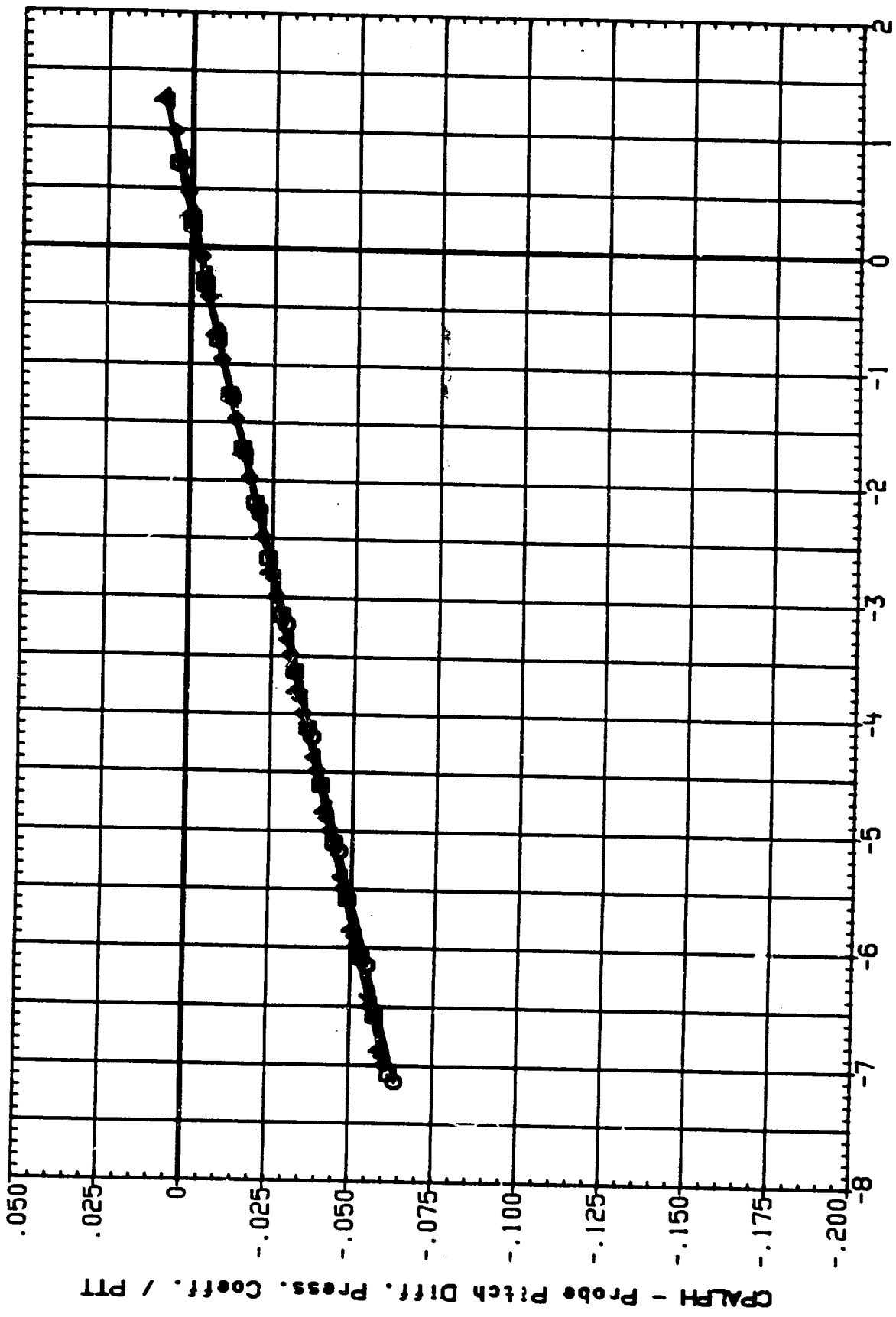


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

(A) MACH = .60

DATE 22 OCT 91

'A SE' SYMBOL

1042
1045
1048
1051
1054
1057
1060
1063
1066
1069
1072
1075
1078
1081
1084
1087
1090
1093
1096
1099
1102
1105
1108
1111
1114
1117
1120
1123
1126
1129
1132
1135
1138
1141
1144
1147
1150
1153
1156
1159
1162
1165
1168
1171
1174
1177
1180
1183
1186
1189
1192
1195
1198
1201
1204
1207
1210
1213
1216
1219
1222
1225
1228
1231
1234
1237
1240
1243
1246
1249
1252
1255
1258
1261
1264
1267
1270
1273
1276
1279
1282
1285
1288
1291
1294
1297
1300
1303
1306
1309
1312
1315
1318
1321
1324
1327
1330
1333
1336
1339
1342
1345
1348
1351
1354
1357
1360
1363
1366
1369
1372
1375
1378
1381
1384
1387
1390
1393
1396
1399
1402
1405
1408
1411
1414
1417
1420
1423
1426
1429
1432
1435
1438
1441
1444
1447
1450
1453
1456
1459
1462
1465
1468
1471
1474
1477
1480
1483
1486
1489
1492
1495
1498
1501
1504
1507
1510
1513
1516
1519
1522
1525
1528
1531
1534
1537
1540
1543
1546
1549
1552
1555
1558
1561
1564
1567
1570
1573
1576
1579
1582
1585
1588
1591
1594
1597
1600
1603
1606
1609
1612
1615
1618
1621
1624
1627
1630
1633
1636
1639
1642
1645
1648
1651
1654
1657
1660
1663
1666
1669
1672
1675
1678
1681
1684
1687
1690
1693
1696
1699
1702
1705
1708
1711
1714
1717
1720
1723
1726
1729
1732
1735
1738
1741
1744
1747
1750
1753
1756
1759
1762
1765
1768
1771
1774
1777
1780
1783
1786
1789
1792
1795
1798
1801
1804
1807
1810
1813
1816
1819
1822
1825
1828
1831
1834
1837
1840
1843
1846
1849
1852
1855
1858
1861
1864
1867
1870
1873
1876
1879
1882
1885
1888
1891
1894
1897
1900
1903
1906
1909
1912
1915
1918
1921
1924
1927
1930
1933
1936
1939
1942
1945
1948
1951
1954
1957
1960
1963
1966
1969
1972
1975
1978
1981
1984
1987
1990
1993
1996
1999
2002
2005
2008
2011
2014
2017
2020
2023
2026
2029
2032
2035
2038
2041
2044
2047
2050
2053
2056
2059
2062
2065
2068
2071
2074
2077
2080
2083
2086
2089
2092
2095
2098
2101
2104
2107
2110
2113
2116
2119
2122
2125
2128
2131
2134
2137
2140
2143
2146
2149
2152
2155
2158
2161
2164
2167
2170
2173
2176
2179
2182
2185
2188
2191
2194
2197
2200
2203
2206
2209
2212
2215
2218
2221
2224
2227
2230
2233
2236
2239
2242
2245
2248
2251
2254
2257
2260
2263
2266
2269
2272
2275
2278
2281
2284
2287
2290
2293
2296
2299
2302
2305
2308
2311
2314
2317
2320
2323
2326
2329
2332
2335
2338
2341
2344
2347
2350
2353
2356
2359
2362
2365
2368
2371
2374
2377
2380
2383
2386
2389
2392
2395
2398
2401
2404
2407
2410
2413
2416
2419
2422
2425
2428
2431
2434
2437
2440
2443
2446
2449
2452
2455
2458
2461
2464
2467
2470
2473
2476
2479
2482
2485
2488
2491
2494
2497
2500
2503
2506
2509
2512
2515
2518
2521
2524
2527
2530
2533
2536
2539
2542
2545
2548
2551
2554
2557
2560
2563
2566
2569
2572
2575
2578
2581
2584
2587
2590
2593
2596
2599
2602
2605
2608
2611
2614
2617
2620
2623
2626
2629
2632
2635
2638
2641
2644
2647
2650
2653
2656
2659
2662
2665
2668
2671
2674
2677
2680
2683
2686
2689
2692
2695
2698
2701
2704
2707
2710
2713
2716
2719
2722
2725
2728
2731
2734
2737
2740
2743
2746
2749
2752
2755
2758
2761
2764
2767
2770
2773
2776
2779
2782
2785
2788
2791
2794
2797
2800
2803
2806
2809
2812
2815
2818
2821
2824
2827
2830
2833
2836
2839
2842
2845
2848
2851
2854
2857
2860
2863
2866
2869
2872
2875
2878
2881
2884
2887
2890
2893
2896
2899
2902
2905
2908
2911
2914
2917
2920
2923
2926
2929
2932
2935
2938
2941
2944
2947
2950
2953
2956
2959
2962
2965
2968
2971
2974
2977
2980
2983
2986
2989
2992
2995
2998
3001
3004
3007
3010
3013
3016
3019
3022
3025
3028
3031
3034
3037
3040
3043
3046
3049
3052
3055
3058
3061
3064
3067
3070
3073
3076
3079
3082
3085
3088
3091
3094
3097
3100
3103
3106
3109
3112
3115
3118
3121
3124
3127
3130
3133
3136
3139
3142
3145
3148
3151
3154
3157
3160
3163
3166
3169
3172
3175
3178
3181
3184
3187
3190
3193
3196
3199
3202
3205
3208
3211
3214
3217
3220
3223
3226
3229
3232
3235
3238
3241
3244
3247
3250
3253
3256
3259
3262
3265
3268
3271
3274
3277
3280
3283
3286
3289
3292
3295
3298
3301
3304
3307
3310
3313
3316
3319
3322
3325
3328
3331
3334
3337
3340
3343
3346
3349
3352
3355
3358
3361
3364
3367
3370
3373
3376
3379
3382
3385
3388
3391
3394
3397
3400
3403
3406
3409
3412
3415
3418
3421
3424
3427
3430
3433
3436
3439
3442
3445
3448
3451
3454
3457
3460
3463
3466
3469
3472
3475
3478
3481
3484
3487
3490
3493
3496
3499
3502
3505
3508
3511
3514
3517
3520
3523
3526
3529
3532
3535
3538
3541
3544
3547
3550
3553
3556
3559
3562
3565
3568
3571
3574
3577
3580
3583
3586
3589
3592
3595
3598
3601
3604
3607
3610
3613
3616
3619
3622
3625
3628
3631
3634
3637
3640
3643
3646
3649
3652
3655
3658
3661
3664
3667
3670
3673
3676
3679
3682
3685
3688
3691
3694
3697
3700
3703
3706
3709
3712
3715
3718
3721
3724
3727
3730
3733
3736
3739
3742
3745
3748
3751
3754
3757
3760
3763
3766
3769
3772
3775
3778
3781
3784
3787
3790
3793
3796
3799
3802
3805
3808
3811
3814
3817
3820
3823
3826
3829
3832
3835
3838
3841
3844
3847
3850
3853
3856
3859
3862
3865
3868
3871
3874
3877
3880
3883
3886
3889
3892
3895
3898
3901
3904
3907
3910
3913
3916
3919
3922
3925
3928
3931
3934
3937
3940
3943
3946
3949
3952
3955
3958
3961
3964
3967
3970
3973
3976
3979
3982
3985
3988
3991
3994
3997
4000

CONFIGURATION

IA310 (AEDC 181F-783) PROBE CALIBRATION
IA310 (AEDC 181F-783) PROBE CALIBRATION
IA310 (AEDC 181F-783) PROBE CALIBRATION
IA310 (AEDC 181F-783) PROBE CALIBRATION
IA310 (AEDC 181F-783) PROBE CALIBRATION
IA310 (AEDC 181F-783) PROBE CALIBRATION

'A

0.000 180.000
2.000 180.000
4.000 180.000

PHI

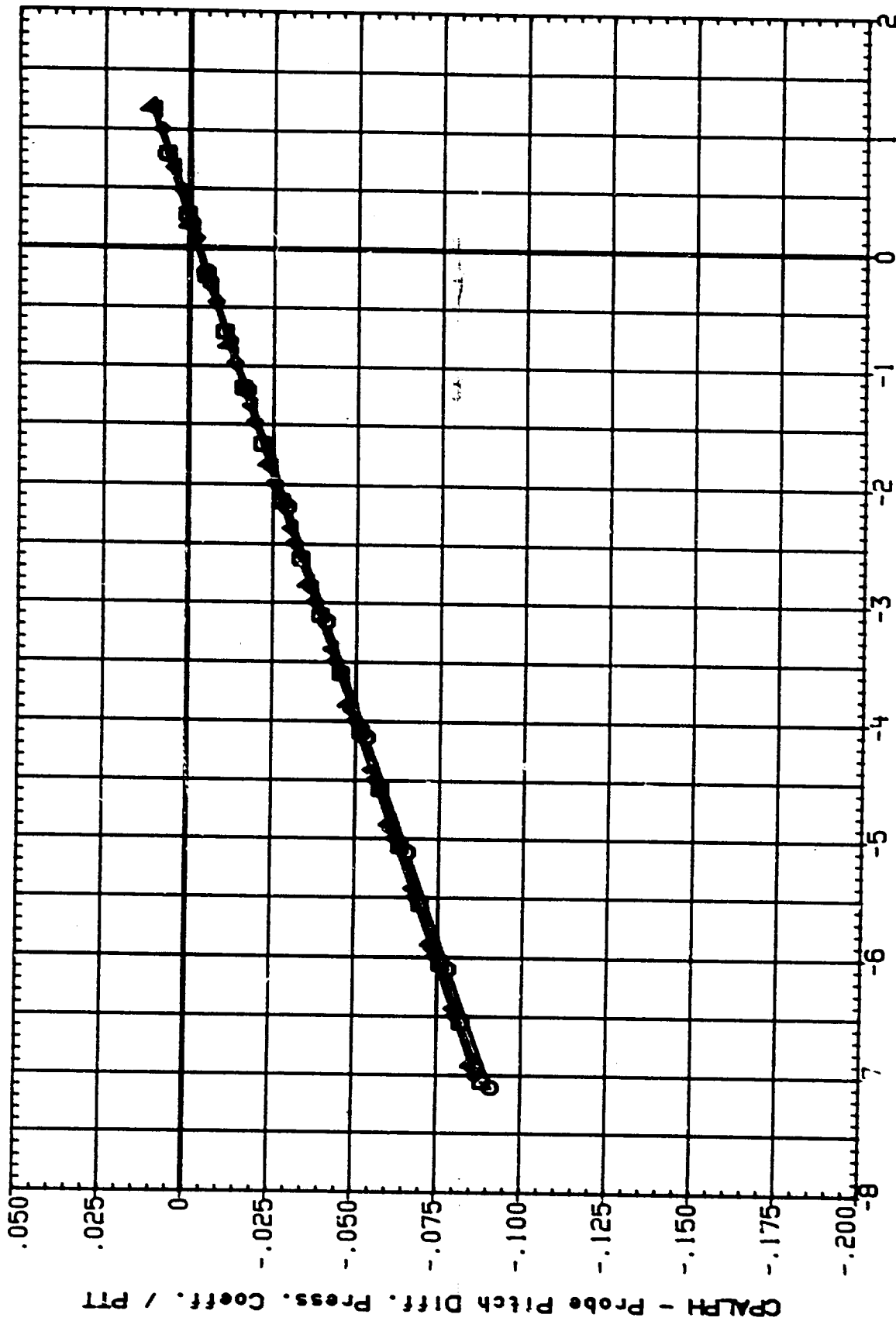


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

(B) MACH = .80

DATE 22 OCT 91

DATA SET SYMBOL	CONFIGURATION	BETA	PHI
TCM042	IA310 (AEDC 181F-783) PROBE CALIBRATION	-4.000	180.000
TCM045	IA310 (AEDC 181F-783) PROBE CALIBRATION	-2.000	180.000
TCM049	IA310 (AEDC 181F-783) PROBE CALIBRATION	2.000	180.000
TCM053	IA310 (AEDC 181F-783) PROBE CALIBRATION	4.000	180.000
TCM056	IA310 (AEDC 181F-783) PROBE CALIBRATION		

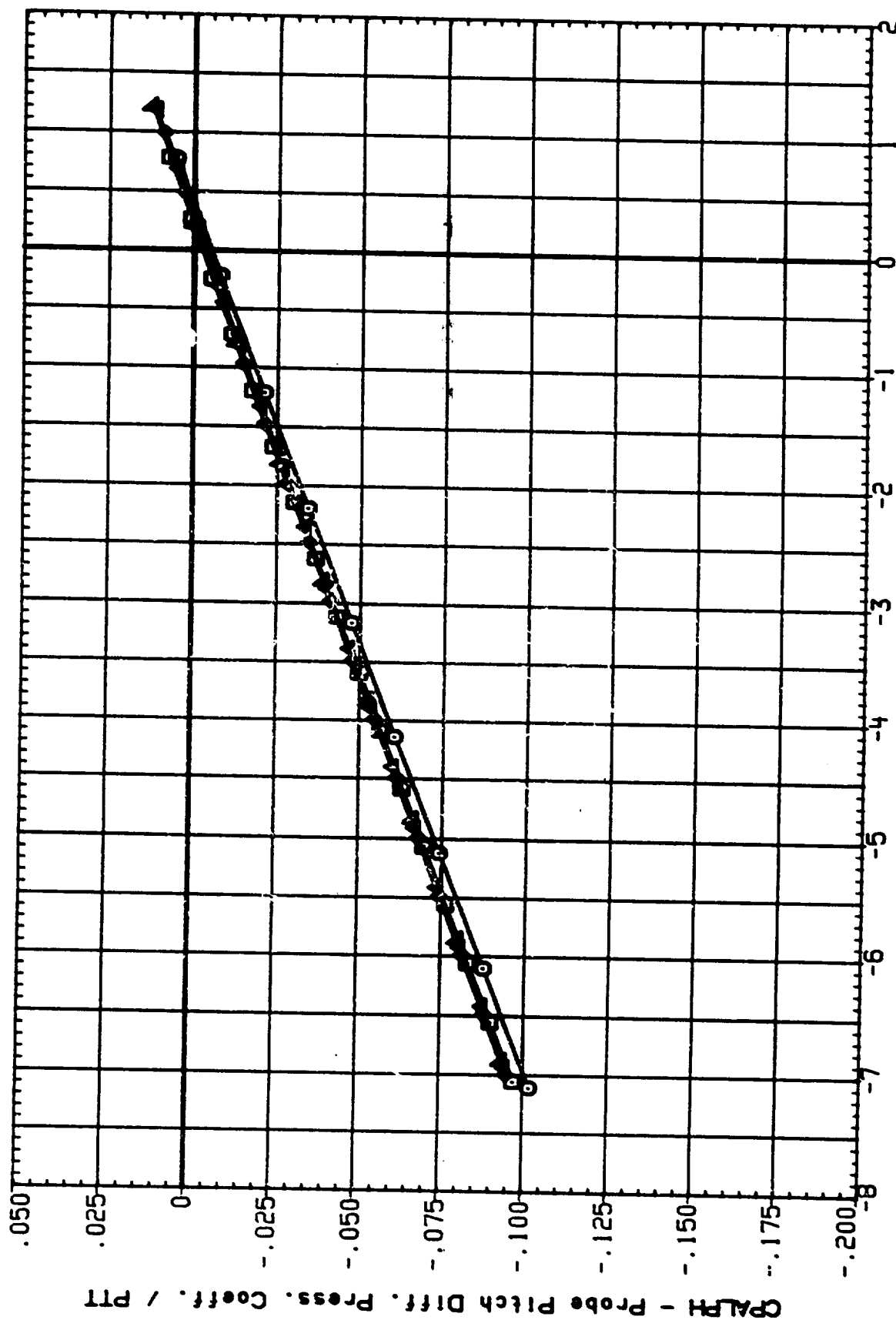


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

(C)MACH = .90

DATE 22 OCT 91

DATA SET SYMBOL

CONFIGURATION

ICM042	IA310 (AEDC 16TF-783)	PROBE CALIBRATION	BETA	PHI
ICM045	IA310 (AEDC 16TF-783)	PROBE CALIBRATION	-4.000	180.000
ICM049	IA310 (AEDC 16TF-783)	PROBE CALIBRATION	-2.000	180.000
ICM053	IA310 (AEDC 16TF-783)	PROBE CALIBRATION	2.000	180.000
ICM056	IA310 (AEDC 16TF-783)	PROBE CALIBRATION	4.000	180.000

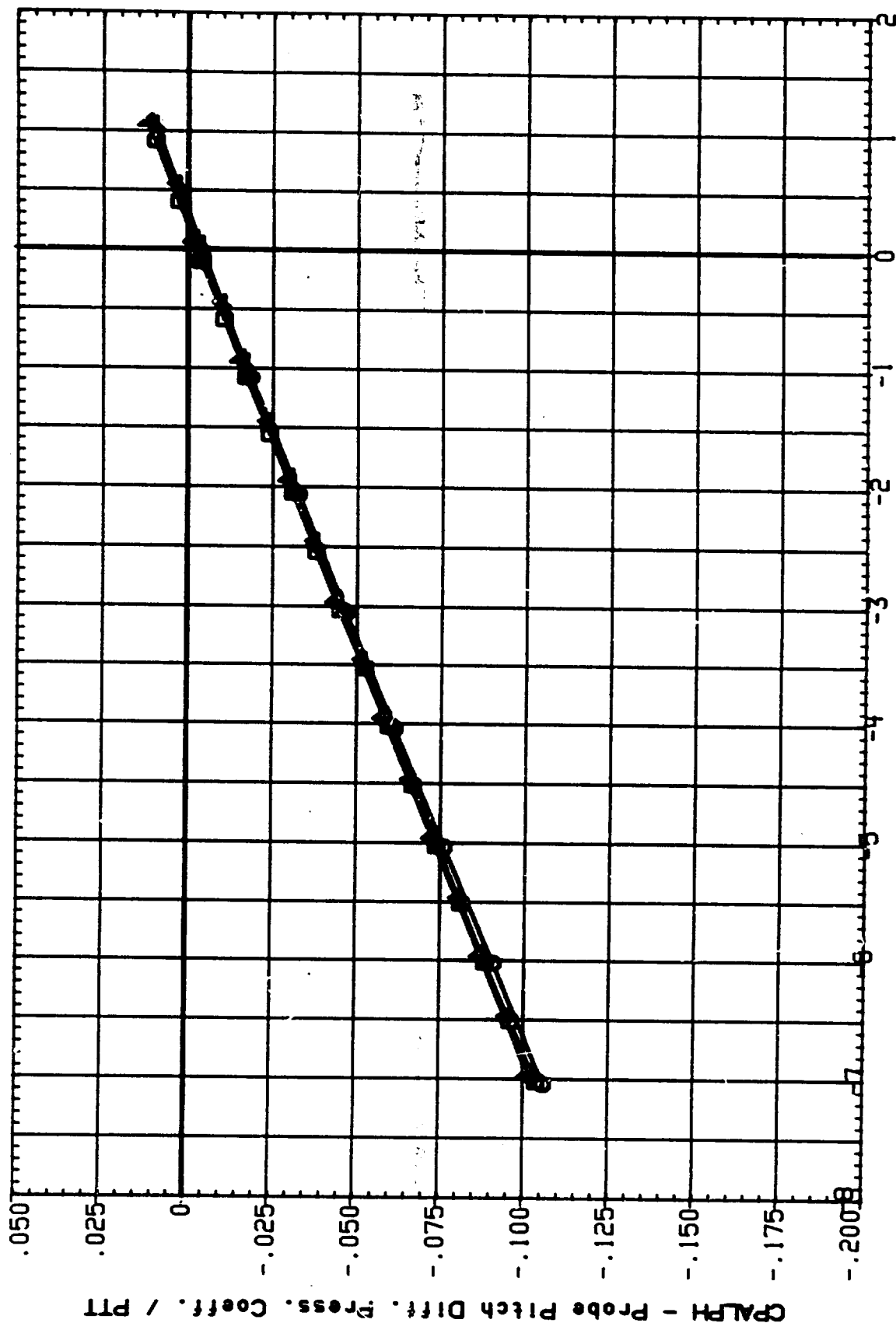


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

(D)MACH = 1.10

DATE 22 OCT 91

DATA SET SYMBOL

TCH042
TCH045
TCH049
TCH053
TCH058

□
◇
△

CONFIGURATION

IA310 (AEDC 161F-783) PROBE CALIBRATION
IA310 (AEDC 161F-783) PROBE CALIBRATION
IA310 (AEDC 161F-783) PROBE CALIBRATION
IA310 (AEDC 161F-783) PROBE CALIBRATION
IA310 (AEDC 161F-783) PROBE CALIBRATION

BETA PHI

-4.000 180.000
-2.000 180.000
2.000 180.000
4.000 180.000

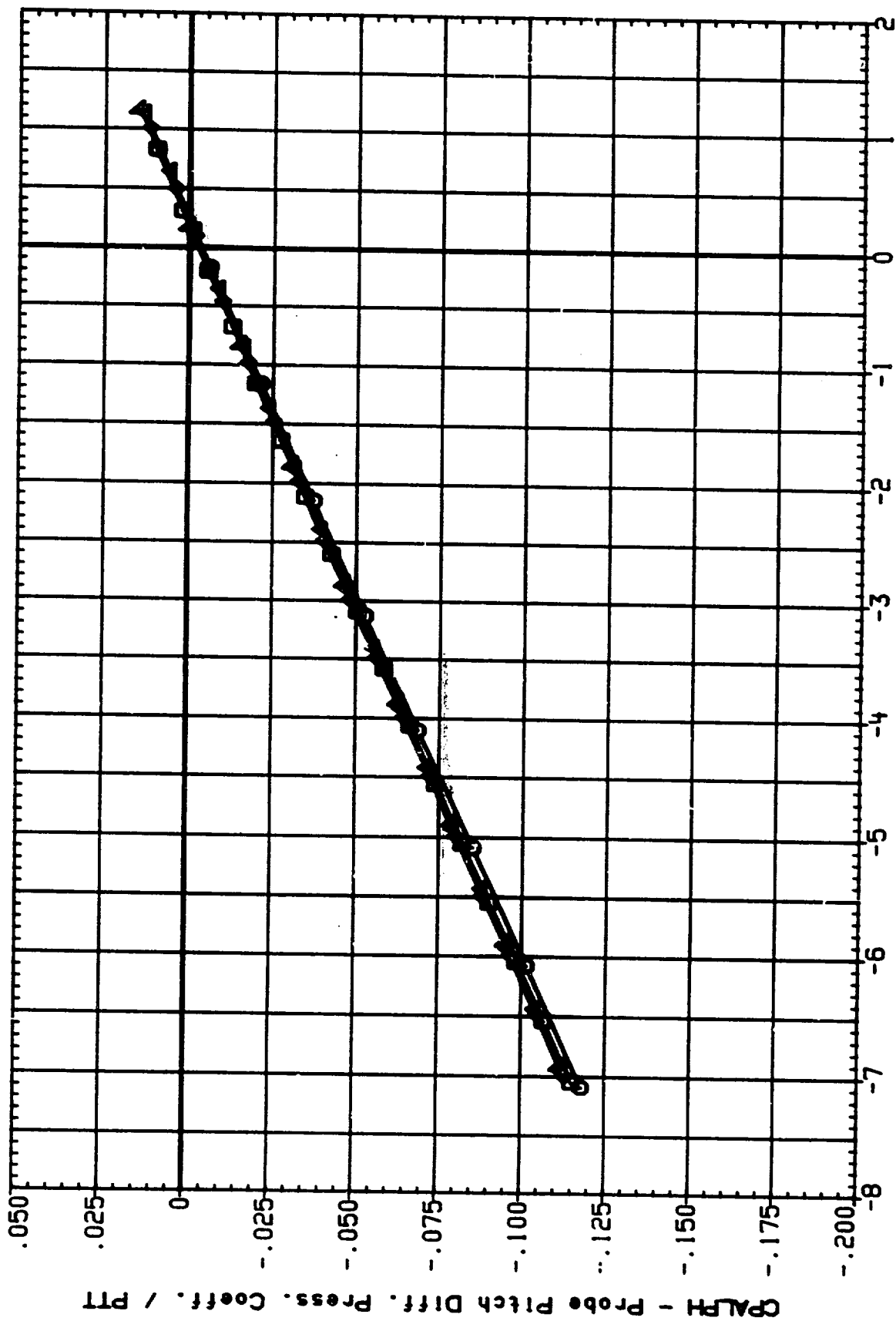


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

(F)MACH = 1.25

DATE 22 OCT 91

LET SYMBOL

IA310 (AEDC 18TF-783) PROBE CALIBRATION
 IA310 (AEDC 18TF-733) PROBE CALIBRATION
 IA310 (AEDC 18TF-783) PROBE CALIBRATION
 IA310 (AEDC 18TF-783) PROBE CALIBRATION

CONF IGURATION

IA310 (AEDC 18TF-783) PROBE CALIBRATION
 IA310 (AEDC 18TF-733) PROBE CALIBRATION
 IA310 (AEDC 18TF-783) PROBE CALIBRATION
 IA310 (AEDC 18TF-783) PROBE CALIBRATION

PHI

-4.000 180.000
 -2.000 180.000
 2.000 180.000
 4.000 180.000

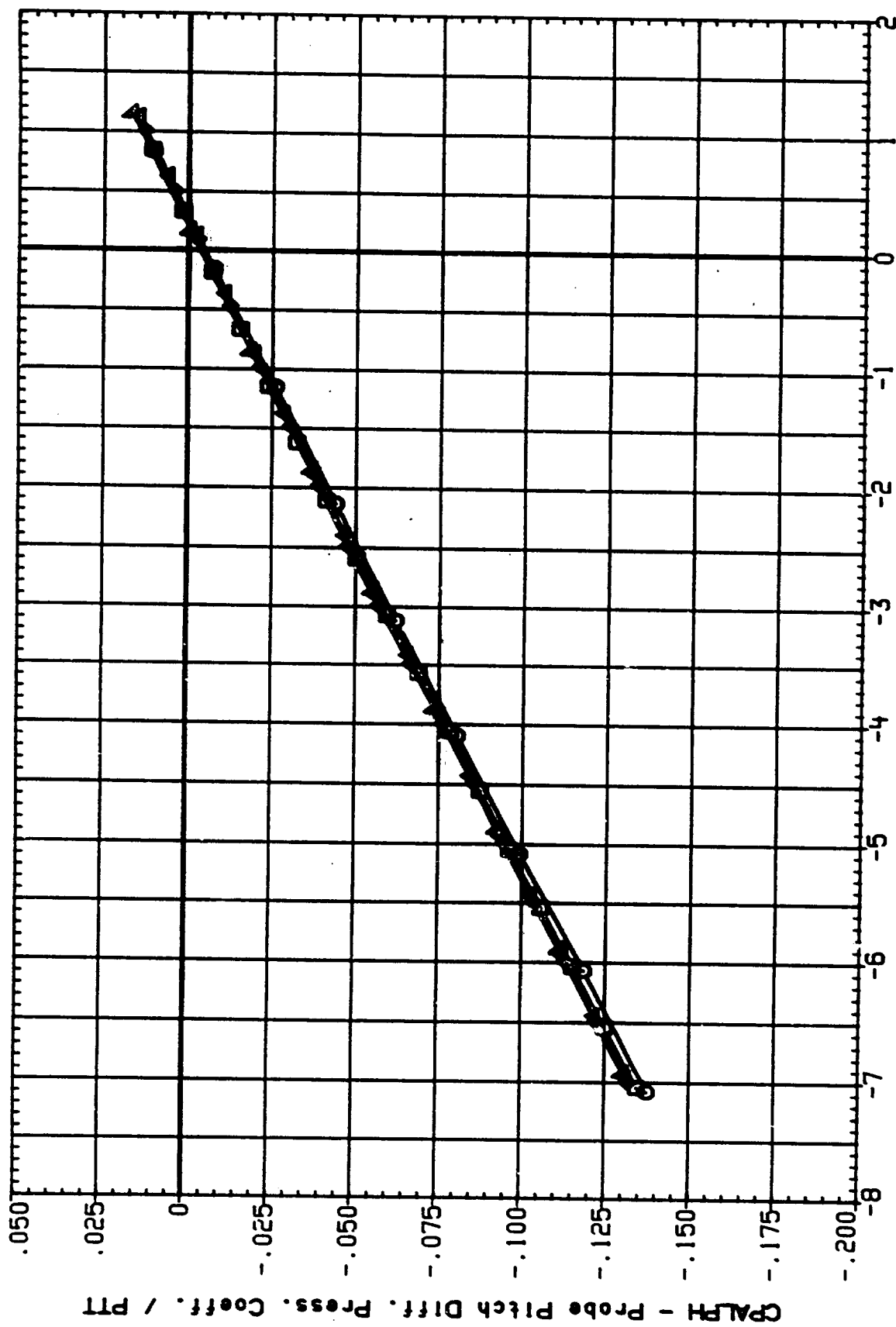


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

(F)MACH = 1.40

DATE 22 OCT 91

DATA SET SYMBOL

TCH042
TCH045
TCH049
TCH053
TCH056

CONFIGURATION

IA310 (AEDC 18TF-783) PROBE CALIBRATION
IA310 (AEDC 18TF-783) PROBE CALIBRATION
IA310 (AEDC 18TF-783) PROBE CALIBRATION
IA310 (AEDC 18TF-783) PROBE CALIBRATION
IA310 (AEDC 18TF-783) PROBE CALIBRATION

BETA PHI

-4.000 180.000
-2.000 180.000
2.000 180.000
4.000 180.000

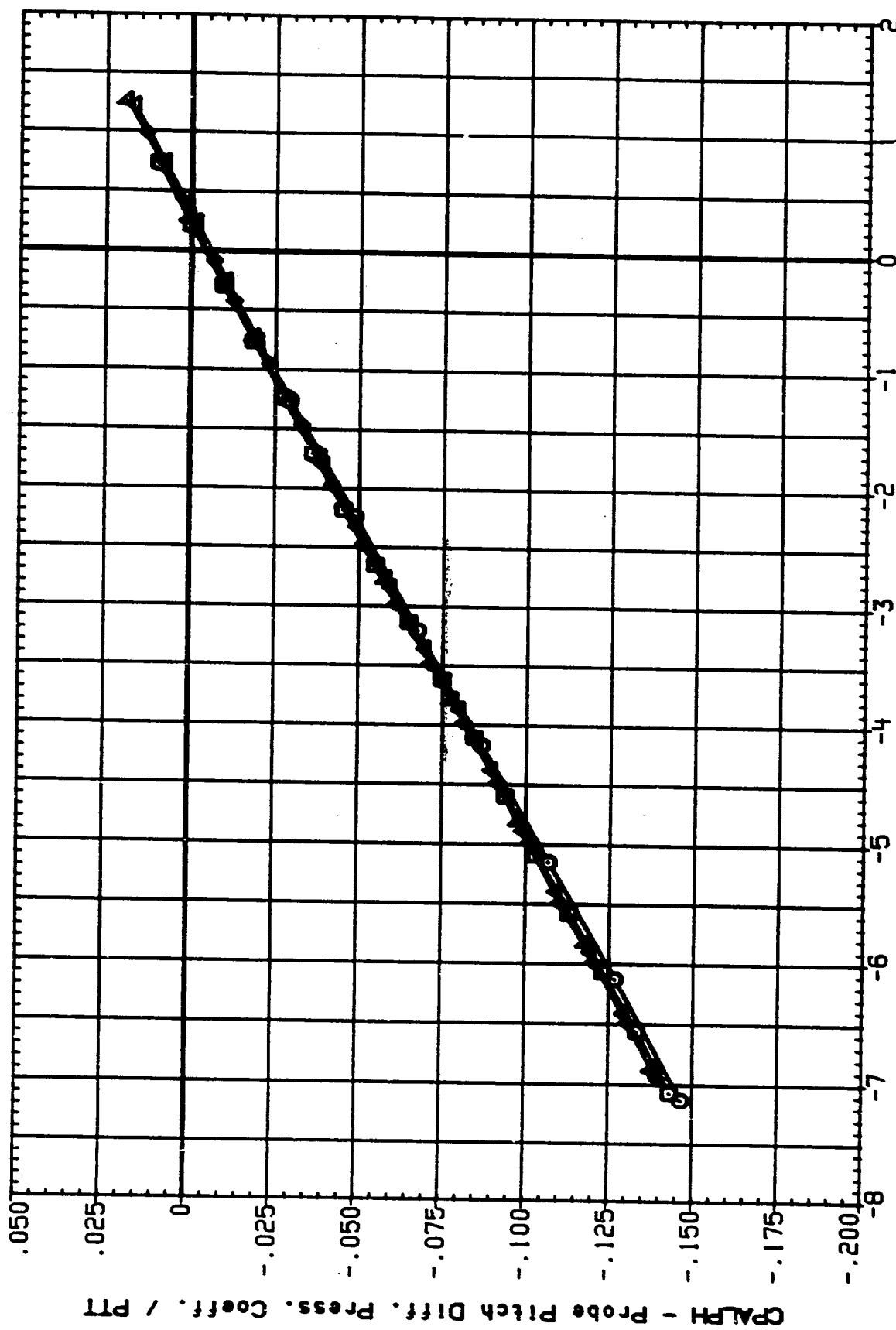


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

(G)MACH = 1.45

DATE 22 OCT 91

SET SYMBOL

ION2
TCH045
TCH049
TCH053
TCH055

CONFIGURATION

IA310 (AEDC 16TF-783) PROBE CALIBRATION
IA310 (AEDC 16TF-783) PROBE CALIBRATION
IA310 (AEDC 16TF-783) PROBE CALIBRATION
IA310 (AEDC 16TF-783) PROBE CALIBRATION
IA310 (AEDC 16TF-783) PROBE CALIBRATION

PHI

-4.000 180.000
-2.000 180.000
0.000 180.000
2.000 180.000
4.000 180.000

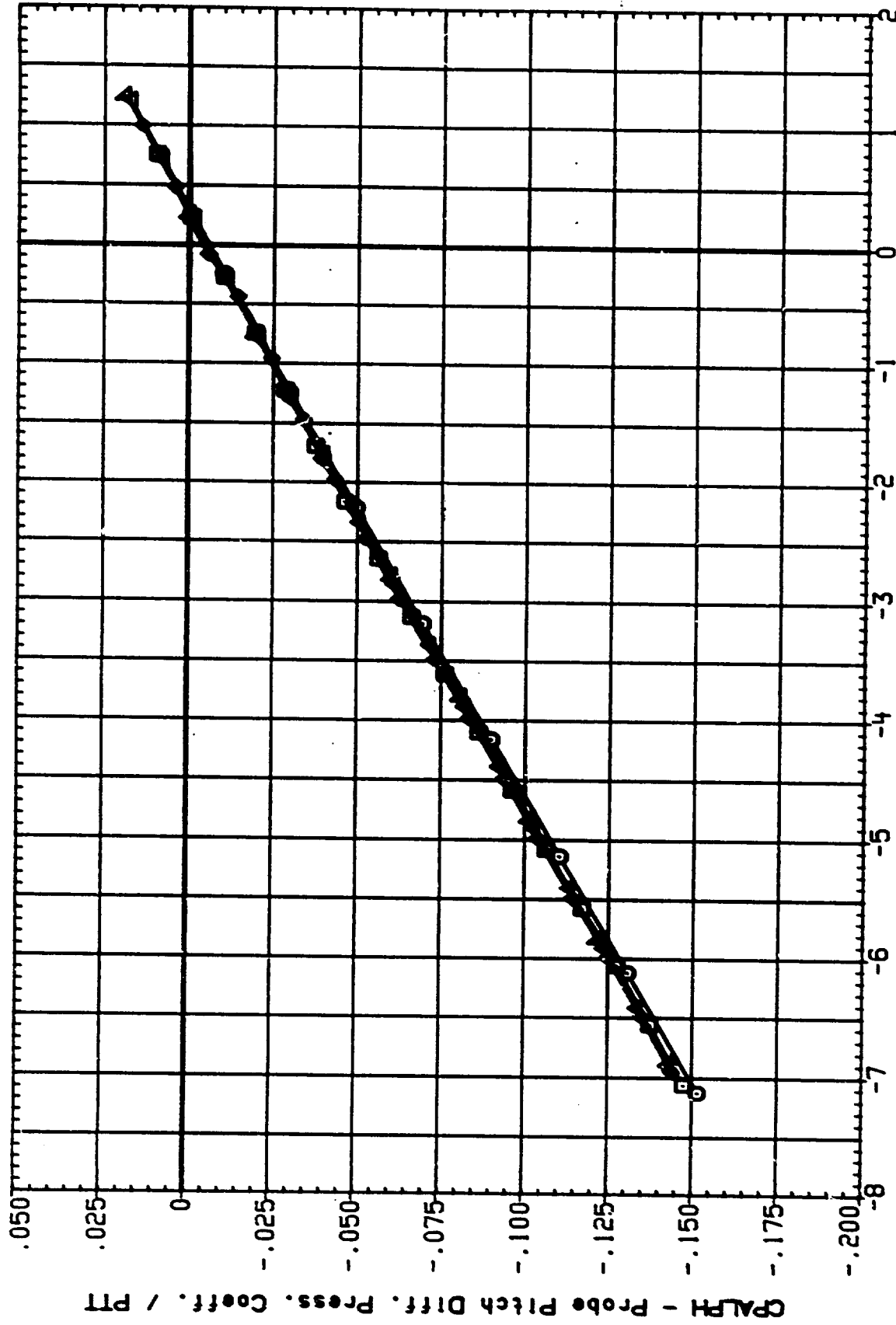


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

(H)MACH = 1.47

DATE 22 OCT 91

DATA SET SYMBOL

TCH042
TCH045
TCH049
TCH033
TCH056

CONFIGURATION

IA310 (AEDC 16TF-783) PROBE CALIBRATION
IA310 (AEDC 16TF-783) PROBE CALIBRATION
IA310 (AEDC 16TF-783) PROBE CALIBRATION
IA310 (AEDC 16TF-783) PROBE CALIBRATION
IA310 (AEDC 16TF-783) PROBE CALIBRATION

BETA PHI

-4.000 180.000
-2.000 180.000
2.000 180.000
4.000 180.000

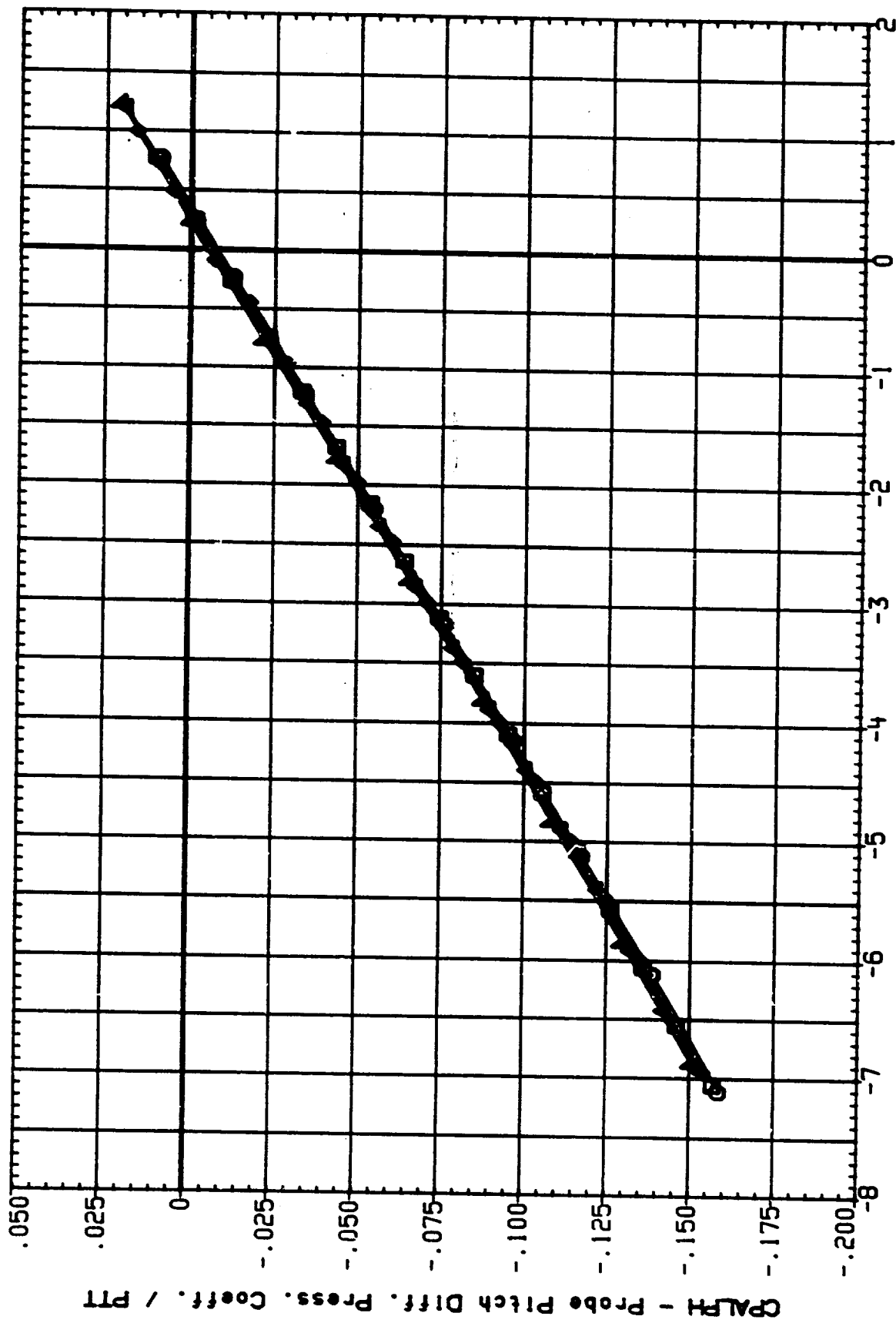


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

(1) MACH = 1.49

DATE 22 OCT 91

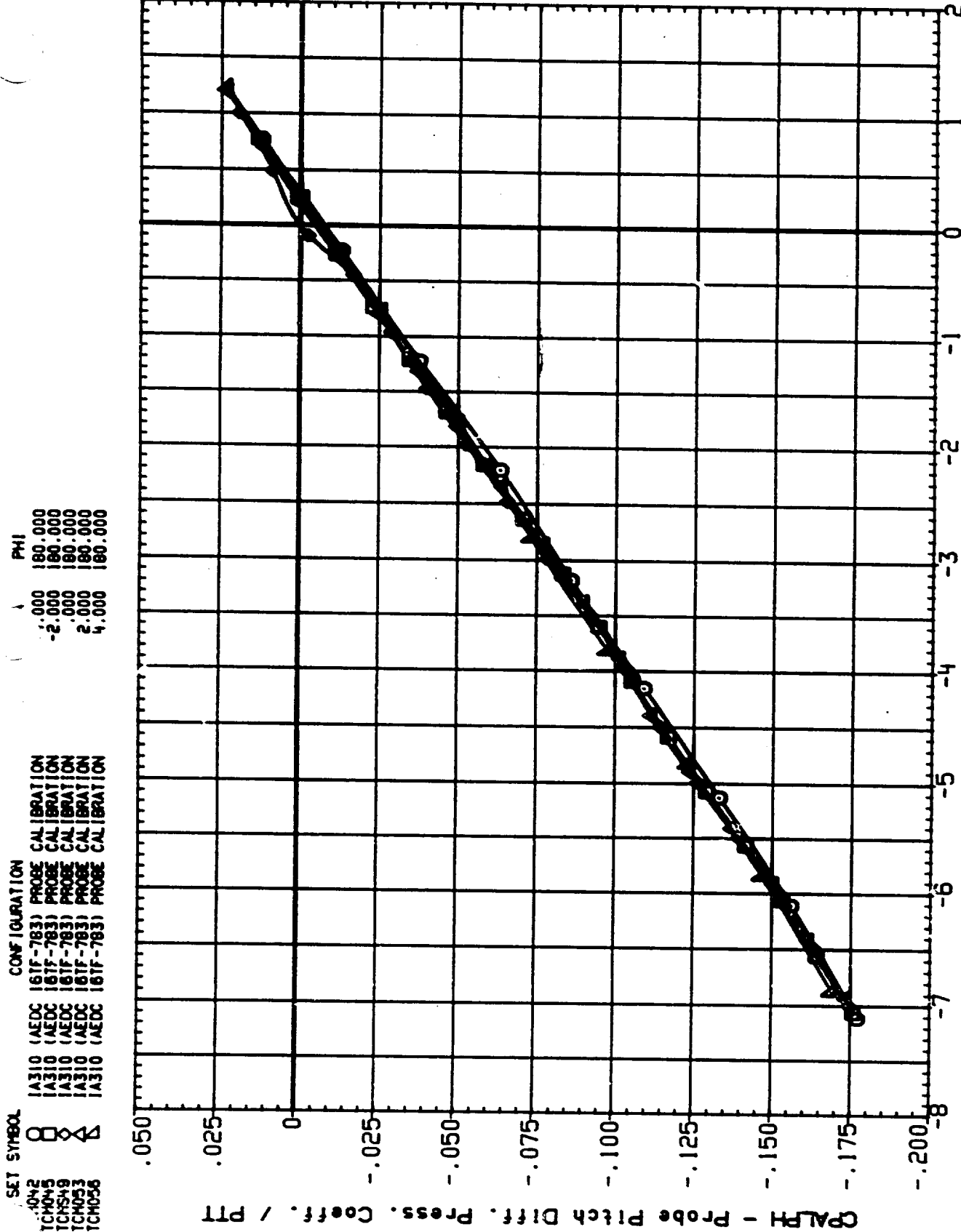


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

(J)MACH = 1.52

DATE 22 OCT 91

DATA SET SYMBOL

TCH042
TCH045
TCH049
TCH053
TCH056

CONFIGURATION

IA310 (AEDC 161F-783) PROBE CALIBRATION
IA310 (AEDC 161F-783) PROBE CALIBRATION
IA310 (AEDC 161F-783) PROBE CALIBRATION
IA310 (AEDC 161F-783) PROBE CALIBRATION
IA310 (AEDC 161F-783) PROBE CALIBRATION

BETA PHI

-4.000 180.000
-2.000 180.000
2.000 180.000
4.000 180.000

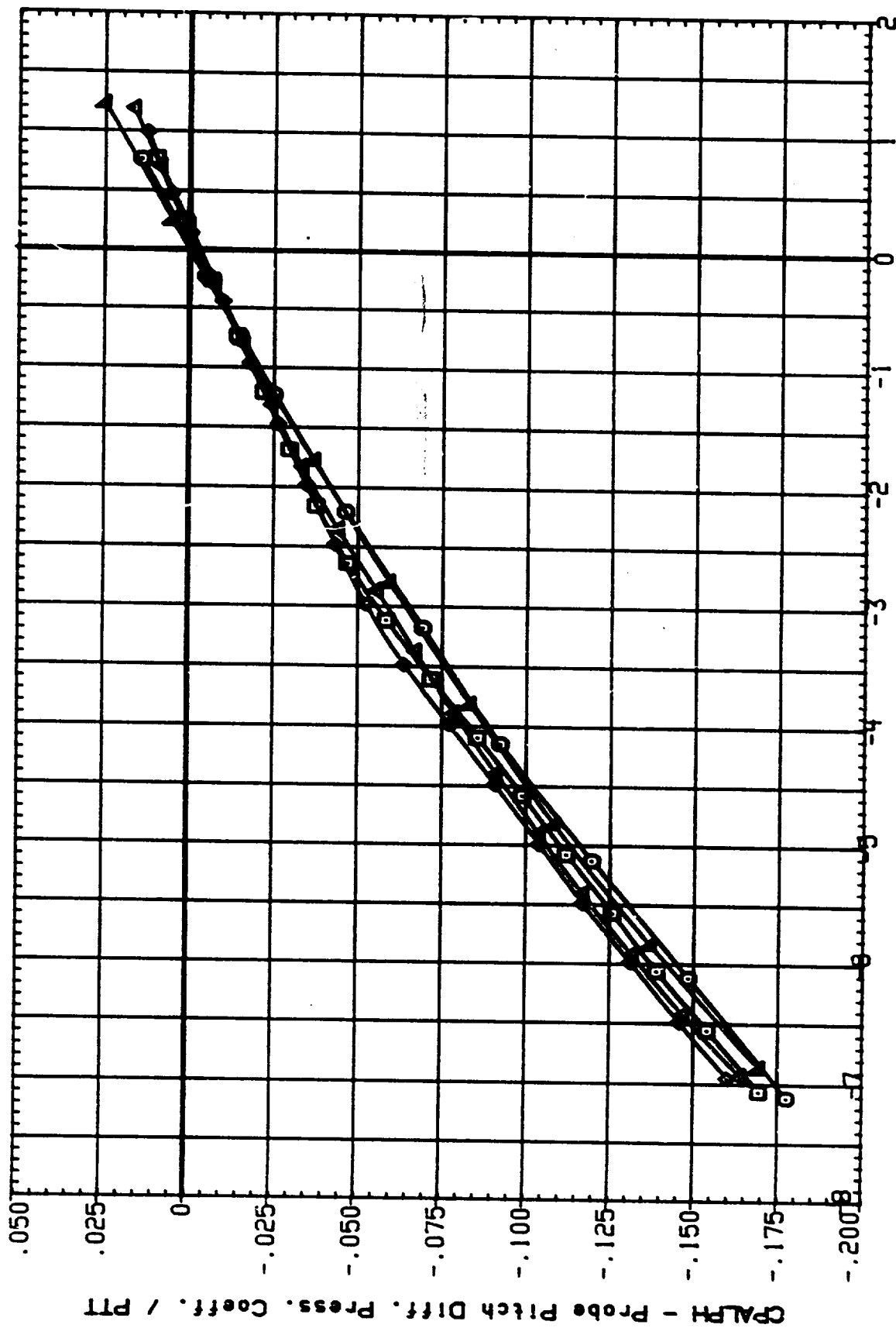


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

1ACH = 1.54

DATE 12 OCT 91

PAGE

DA	SYMBOL	CONFIGURATION	BA	PHI
UC1045	□	IA310 (AEDC 16TF-783) PROBE CALIBRATION	-4.000	180.000
UC1046	◇	IA310 (AEDC 16TF-783) PROBE CALIBRATION	-2.000	180.000
UC1047	△	IA310 (AEDC 16TF-783) PROBE CALIBRATION	2.000	180.000
UC1048	▽	IA310 (AEDC 16TF-783) PROBE CALIBRATION	4.000	180.000

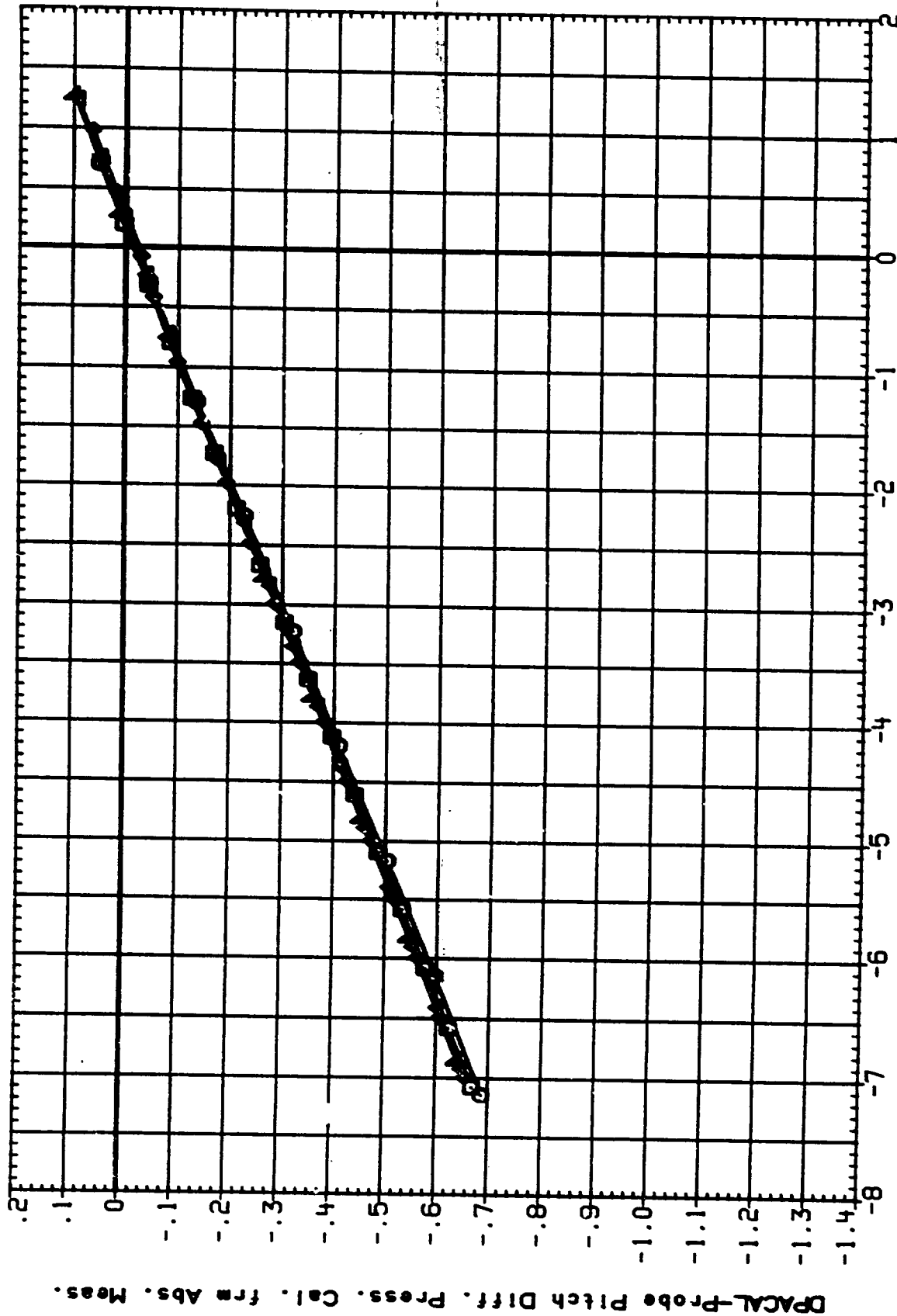


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

(A) MACH = .60

DATE 22 OCT 91

DATA SET SYMBOL

UCHM42
UCHM45
UCHM49
UCHM53
UCHM56

CONFIGURATION

IA310 (AEDC 161F-783) PROBE CALIBRATION
IA310 (AEDC 161F-783) PROBE CALIBRATION
IA310 (AEDC 161F-783) PROBE CALIBRATION
IA310 (AEDC 161F-783) PROBE CALIBRATION
IA310 (AEDC 161F-783) PROBE CALIBRATION

BETA PHI

-4.000 180.000
-2.000 180.000
2.000 180.000
4.000 180.000

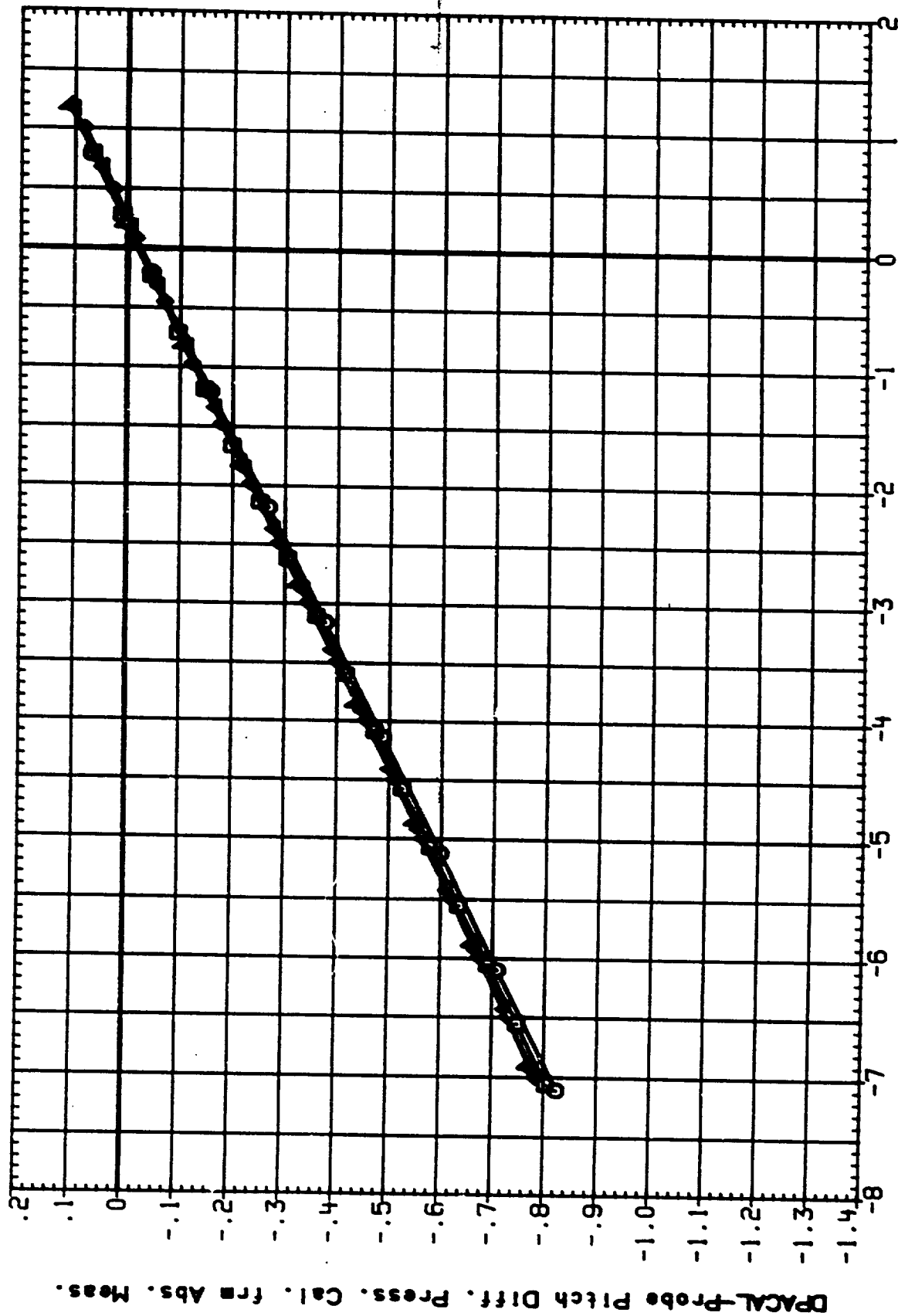


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

(B) CH = .80

DATE (OCT 91

PAGE

DA	Symbol	Configuration	Phi
UCH052	□	IA310 (AEDC 16TF-783) PROBE CALIBRATION	-4.000 180.000
UCH053	◇	IA310 (AEDC 16TF-783) PROBE CALIBRATION	-2.000 180.000
UCH054	◇	IA310 (AEDC 16TF-783) PROBE CALIBRATION	.000 180.000
UCH055	◇	IA310 (AEDC 16TF-783) PROBE CALIBRATION	2.000 180.000
UCH056	◇	IA310 (AEDC 16TF-783) PROBE CALIBRATION	4.000 180.000

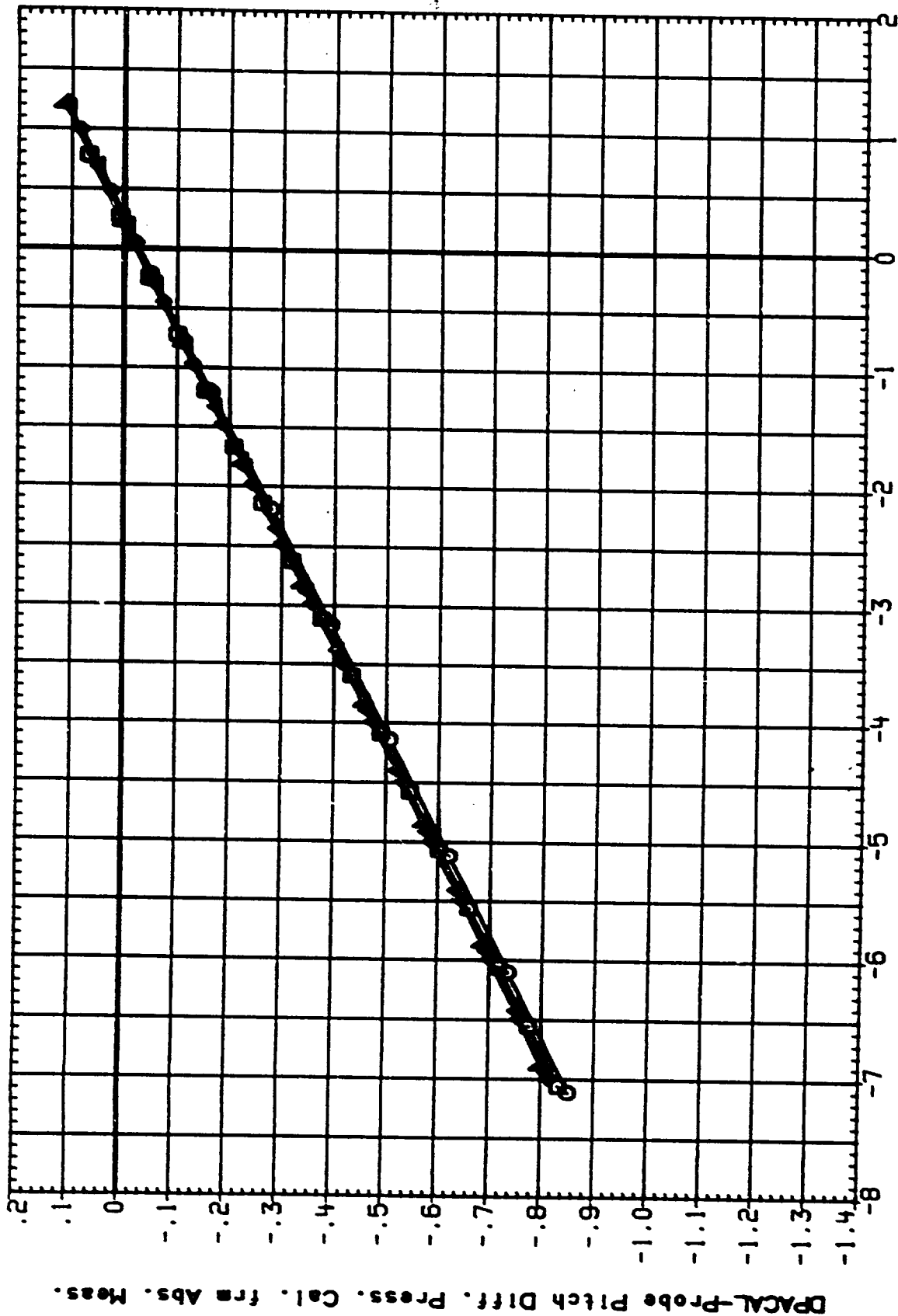


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

DATA SET SYMBOL

UCH042
UCH045
UCH048
UCH053
UCH056

CONFIGURATION

IA310 (AEDC 161F-783) PROBE CALIBRATION
IA310 (AEDC 161F-783) PROBE CALIBRATION
IA310 (AEDC 161F-783) PROBE CALIBRATION
IA310 (AEDC 161F-783) PROBE CALIBRATION

BETA PHI

-4.000 180.000
-2.000 180.000
2.000 180.000
4.000 180.000

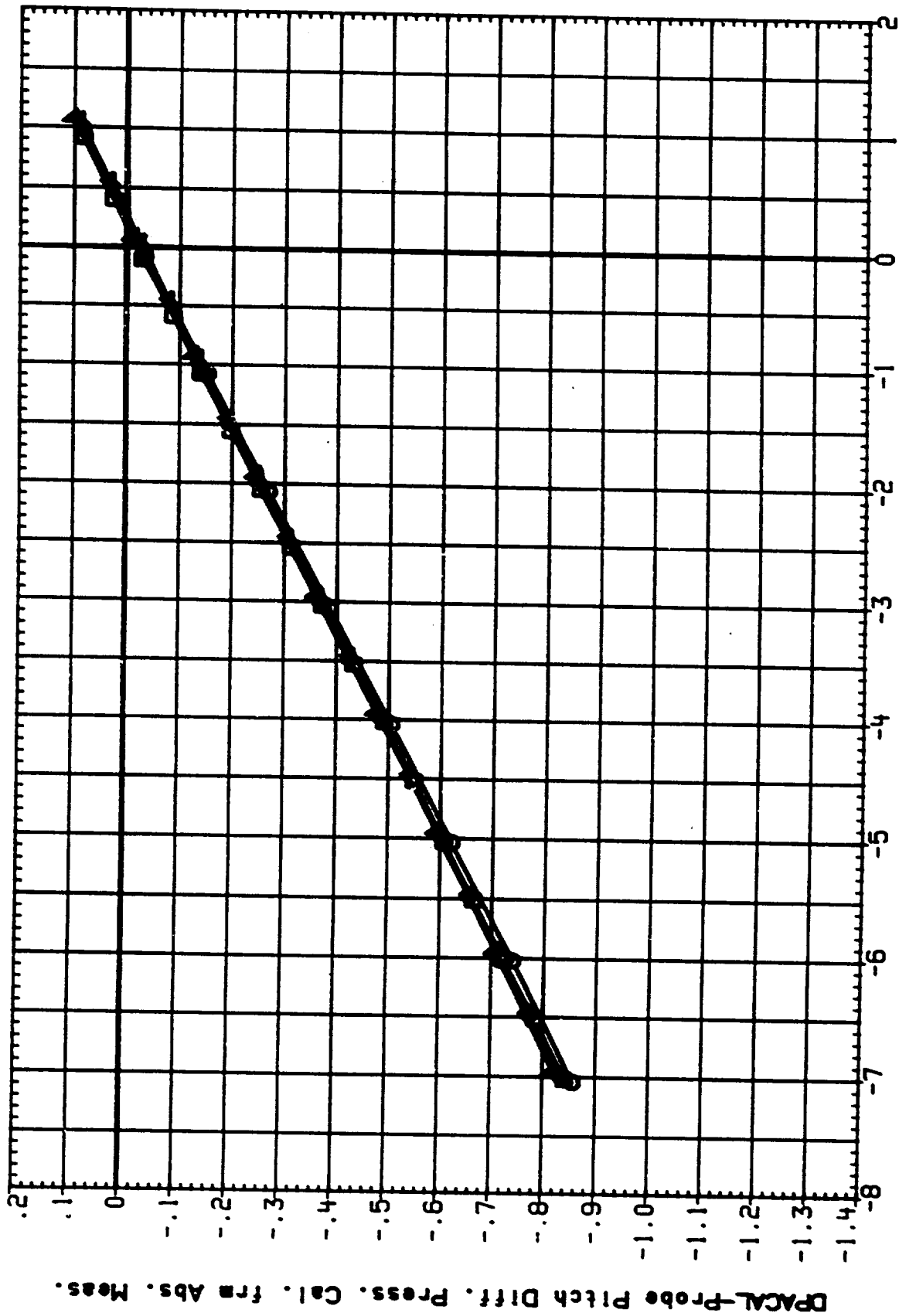


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

DATE = 1.10

DATE = 2 OCT 91

PAGE

UNIT SYMBOL

UCH045
UCH049
UCH053
UCH056

CONFIGURATION

IA310 (AEDC 161F-783) PROBE CALIBRATION
IA310 (AEDC 161F-783) PROBE CALIBRATION
IA310 (AEDC 161F-783) PROBE CALIBRATION
IA310 (AEDC 161F-783) PROBE CALIBRATION

PHI

-2.000 180.000
.000 180.000
2.000 180.000
4.000 180.000

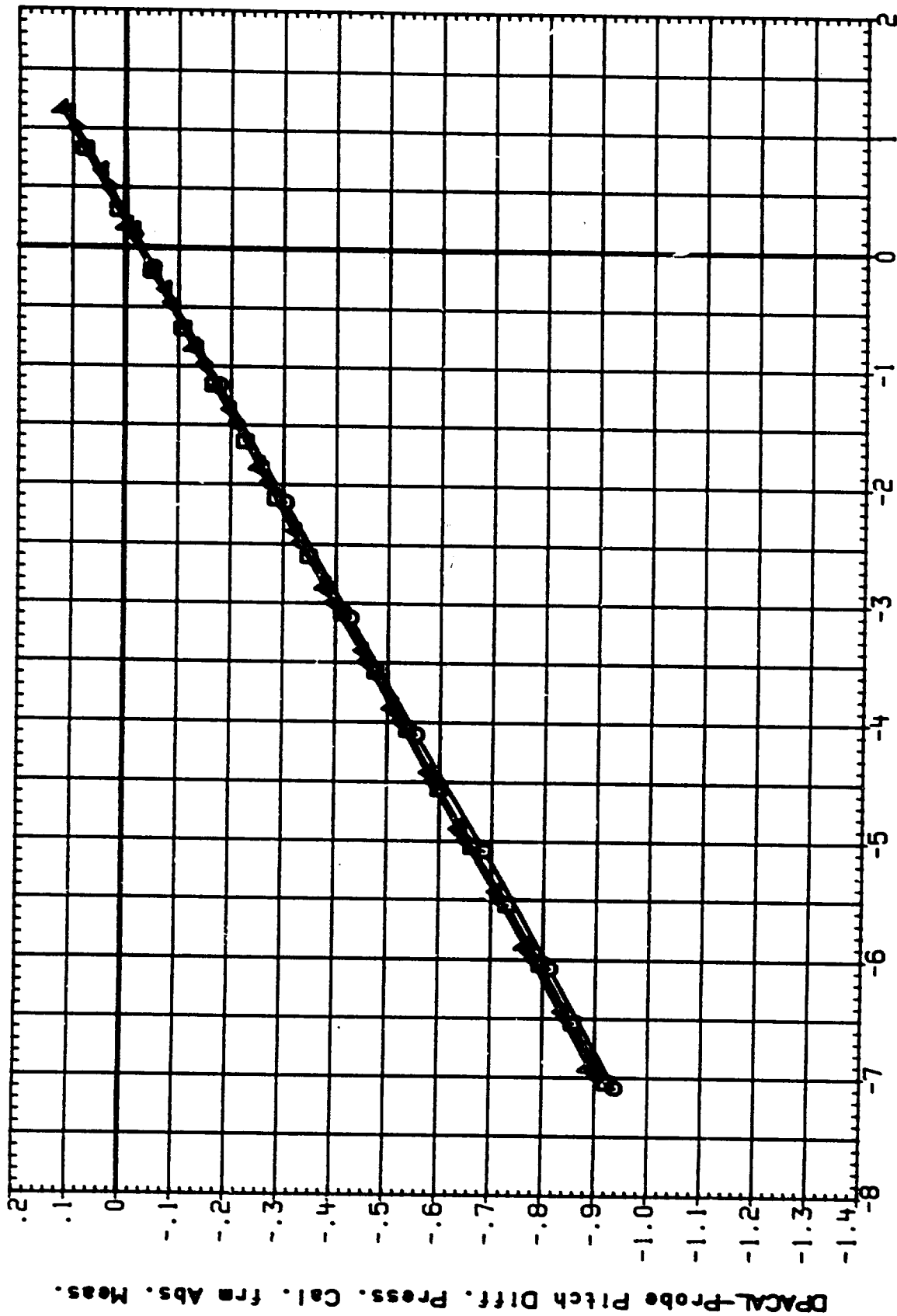


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

(E)MACH = 1.25

DATE 22 OCT 91

DATA SET SYMBOL
 UCH042
 UCH045
 UCH049
 UCH053
 UCH056

IA310 (AEDC 18TF-783) PROBE CALIBRATION
 IA310 (AEDC 18TF-783) PROBE CALIBRATION
 IA310 (AEDC 18TF-783) PROBE CALIBRATION
 IA310 (AEDC 18TF-783) PROBE CALIBRATION
 IA310 (AEDC 18TF-783) PROBE CALIBRATION

BETA PHI
 -4.000 180.000
 -2.000 180.000
 .000 180.000
 2.000 180.000
 4.000 180.000

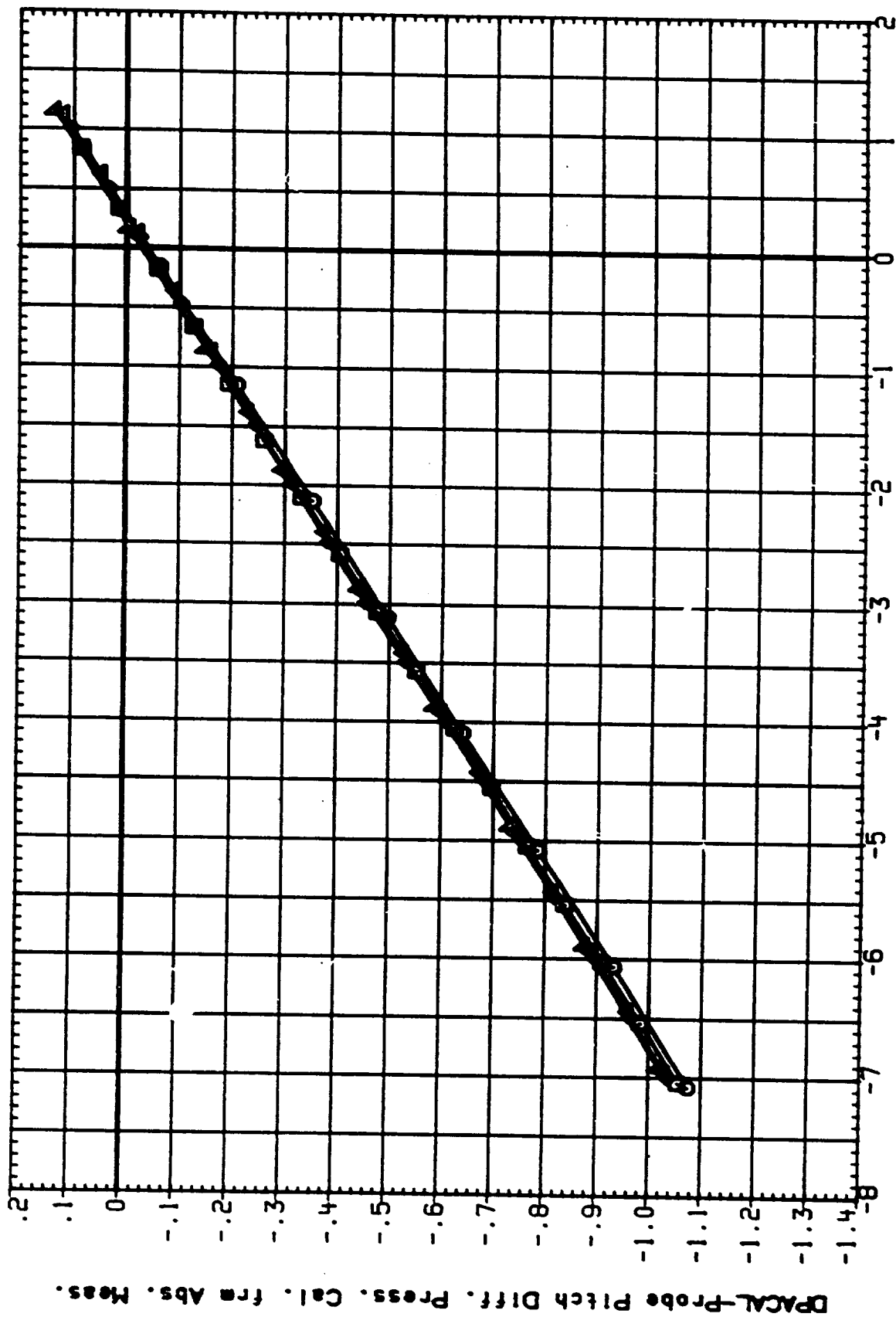


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

(7) TACH = 1.40

DATE (? OCT 91

PAGE 1

DATA	SYMBOL	CONFIGURATION	BETA	PHI
UCH042	○	IA310 (AEDC 16TF-783) PROBE CALIBRATION	-4.000	180.000
UCH043	◇	IA310 (AEDC 16TF-783) PROBE CALIBRATION	-2.000	180.000
UCH049	×	IA310 (AEDC 16TF-783) PROBE CALIBRATION	.000	180.000
UCH053	△	IA310 (AEDC 16TF-783) PROBE CALIBRATION	2.000	180.000
UCH056	▽	IA310 (AEDC 16TF-783) PROBE CALIBRATION	4.000	180.000

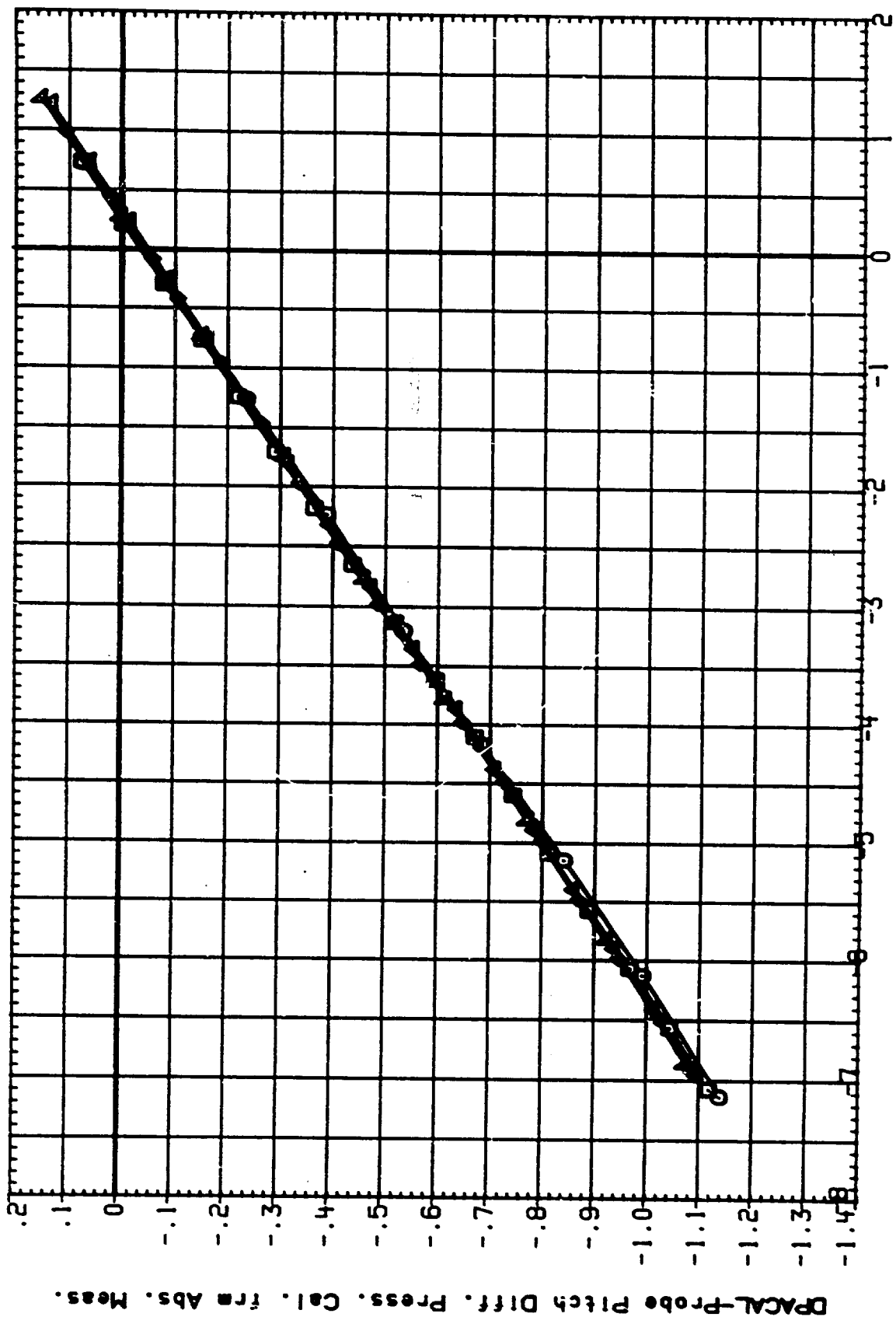


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

(G)MACH = 1.45

DATE 22 OCT 91

DATA SET SYMBOL

UCH002
UCH005
UCH009
UCH013
UCH016

CONFIGURATION

IA310 (AEDC 16TF-783) PROBE CALIBRATION
IA310 (AEDC 16TF-783) PROBE CALIBRATION
IA310 (AEDC 16TF-783) PROBE CALIBRATION
IA310 (AEDC 16TF-783) PROBE CALIBRATION
IA310 (AEDC 16TF-783) PROBE CALIBRATION

BETA PHI

-4.000 180.000
-2.000 180.000
0.000 180.000
2.000 180.000
4.000 180.000

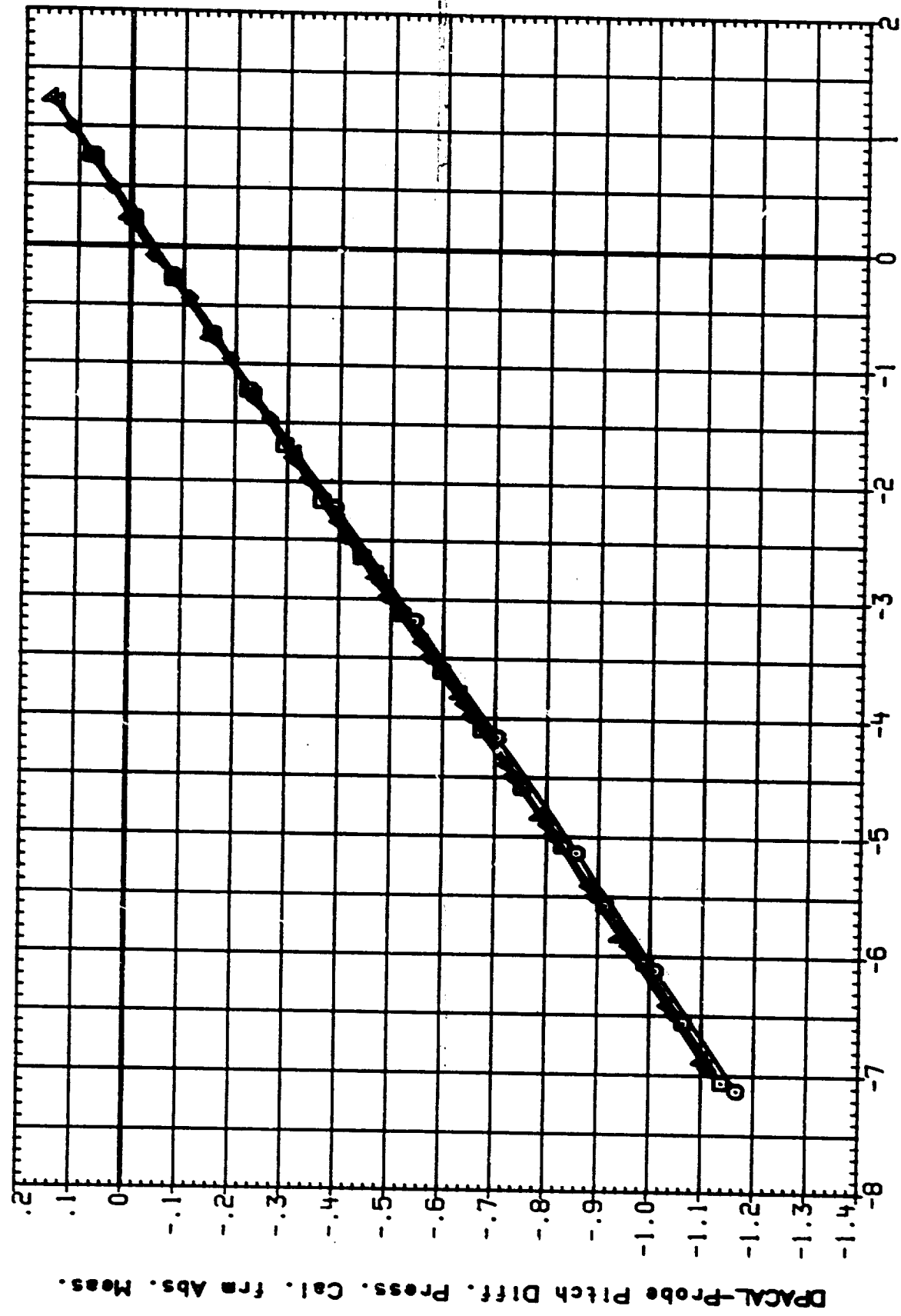


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

(H)MACH = 1.47

DATE 1 OCT 91

DA	SYMBOL	IA310 (AEDC 181F-783)	PROBE CALIBRATION	BL	PHI
UCH045	□	IA310 (AEDC 181F-783)	PROBE CALIBRATION	-4.000	180.000
UCH046	□	IA310 (AEDC 181F-783)	PROBE CALIBRATION	-2.000	180.000
UCH053	△	IA310 (AEDC 181F-783)	PROBE CALIBRATION	2.000	180.000
UCH056	△	IA310 (AEDC 181F-783)	PROBE CALIBRATION	4.000	180.000

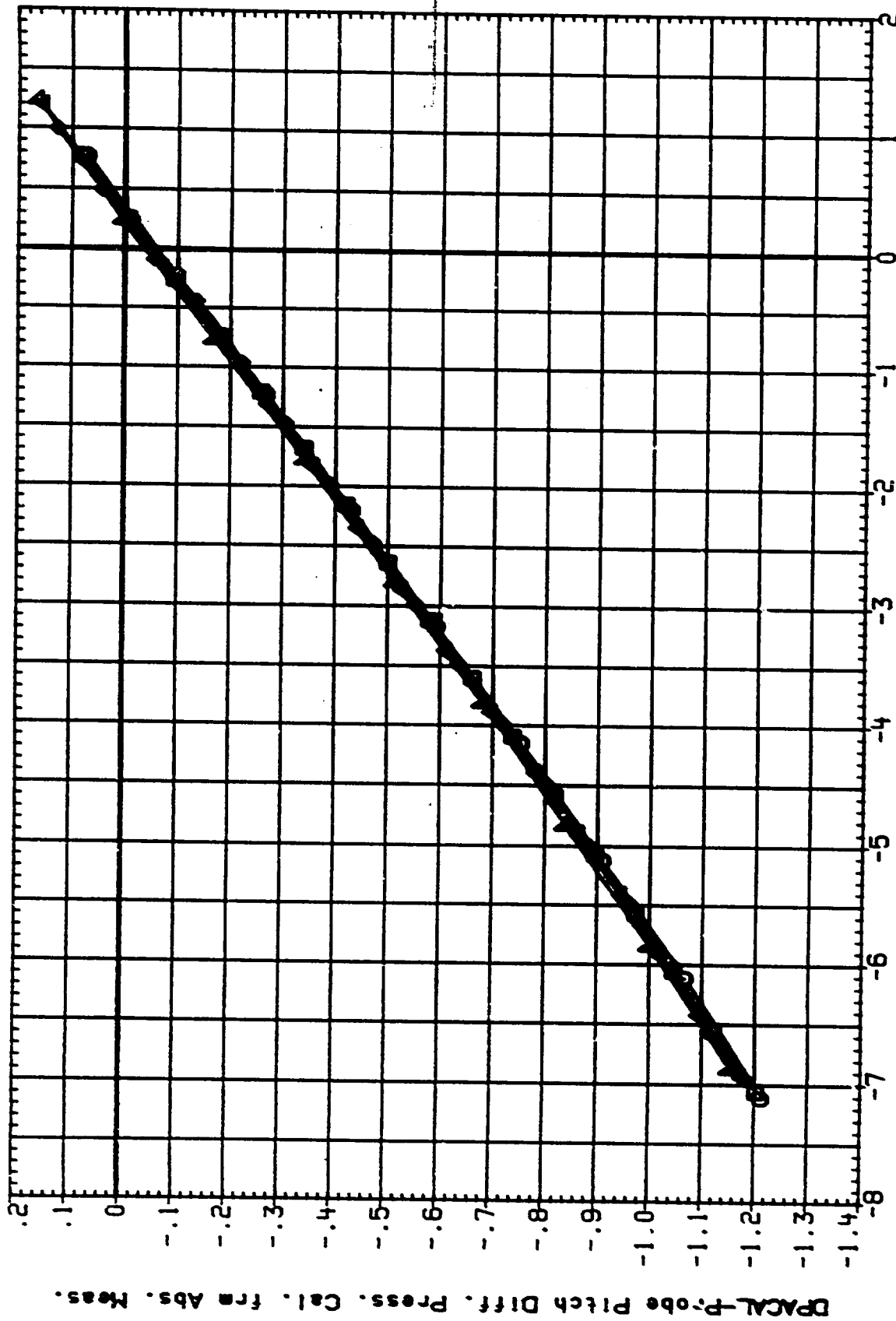


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

(1) MACH = 1.49

DATE 22 OCT 91

DATA SET SYMBOL	CONFIGURATION	BETA	PHI
UCH042	IA310 (AEDC 181F-783) PROBE CALIBRATION	-4.000	180.000
UCH045	IA310 (AEDC 181F-783) PROBE CALIBRATION	-2.000	180.000
UCH048	IA310 (AEDC 181F-783) PROBE CALIBRATION	.000	180.000
UCH053	IA310 (AEDC 181F-783) PROBE CALIBRATION	2.000	180.000
UCH056	IA310 (AEDC 181F-783) PROBE CALIBRATION	4.000	180.000

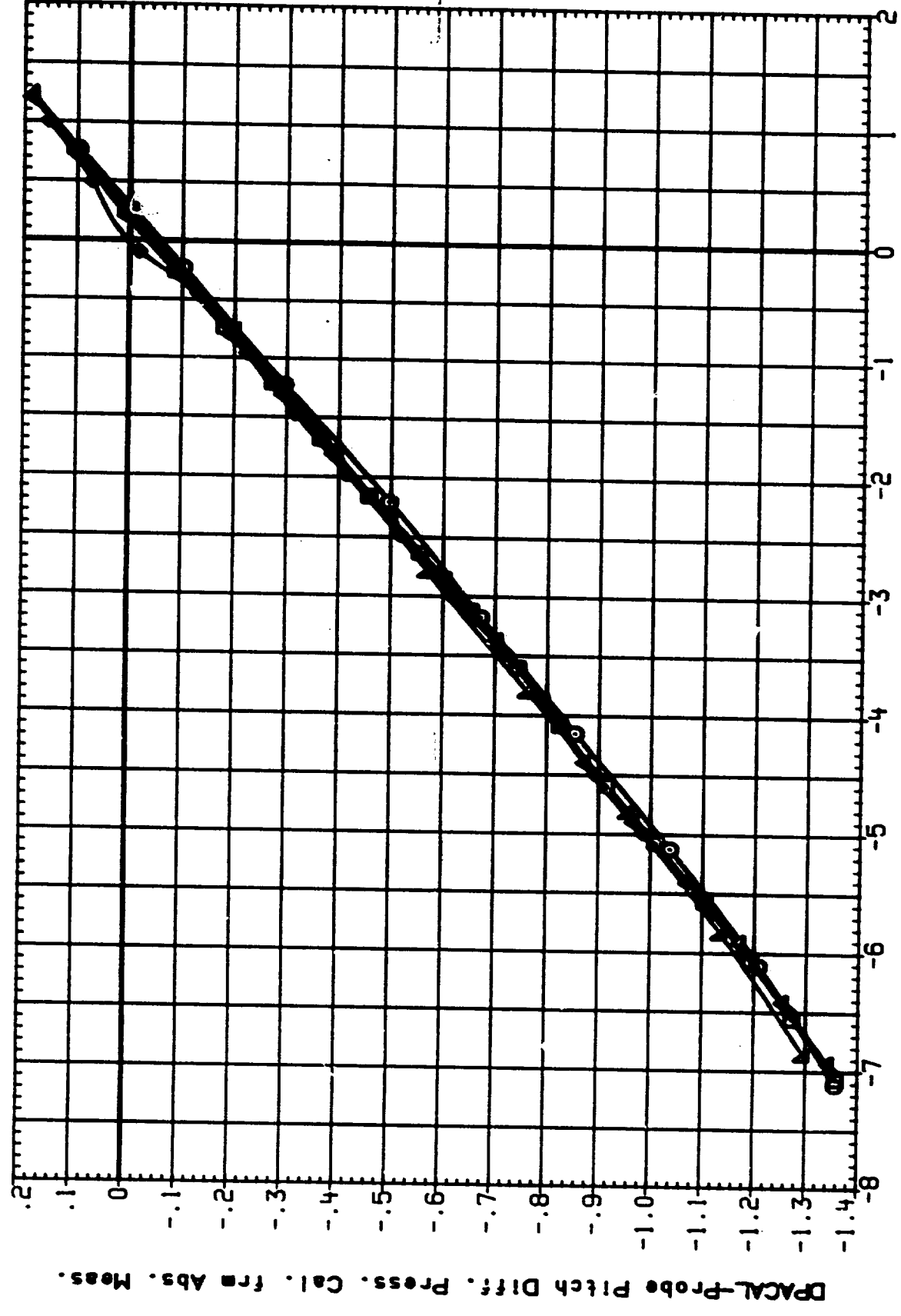


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

DA	SYMBOL	IA310 (AEDC 16TF-783)	PROBE CALIBRATION	PHI
UC4045	○	IA310 (AEDC 16TF-783)	PROBE CALIBRATION	-4.000
UC4046	○	IA310 (AEDC 16TF-783)	PROBE CALIBRATION	-2.000
UC4047	○	IA310 (AEDC 16TF-783)	PROBE CALIBRATION	0.000
UC4048	○	IA310 (AEDC 16TF-783)	PROBE CALIBRATION	2.000
UC4049	○	IA310 (AEDC 16TF-783)	PROBE CALIBRATION	4.000

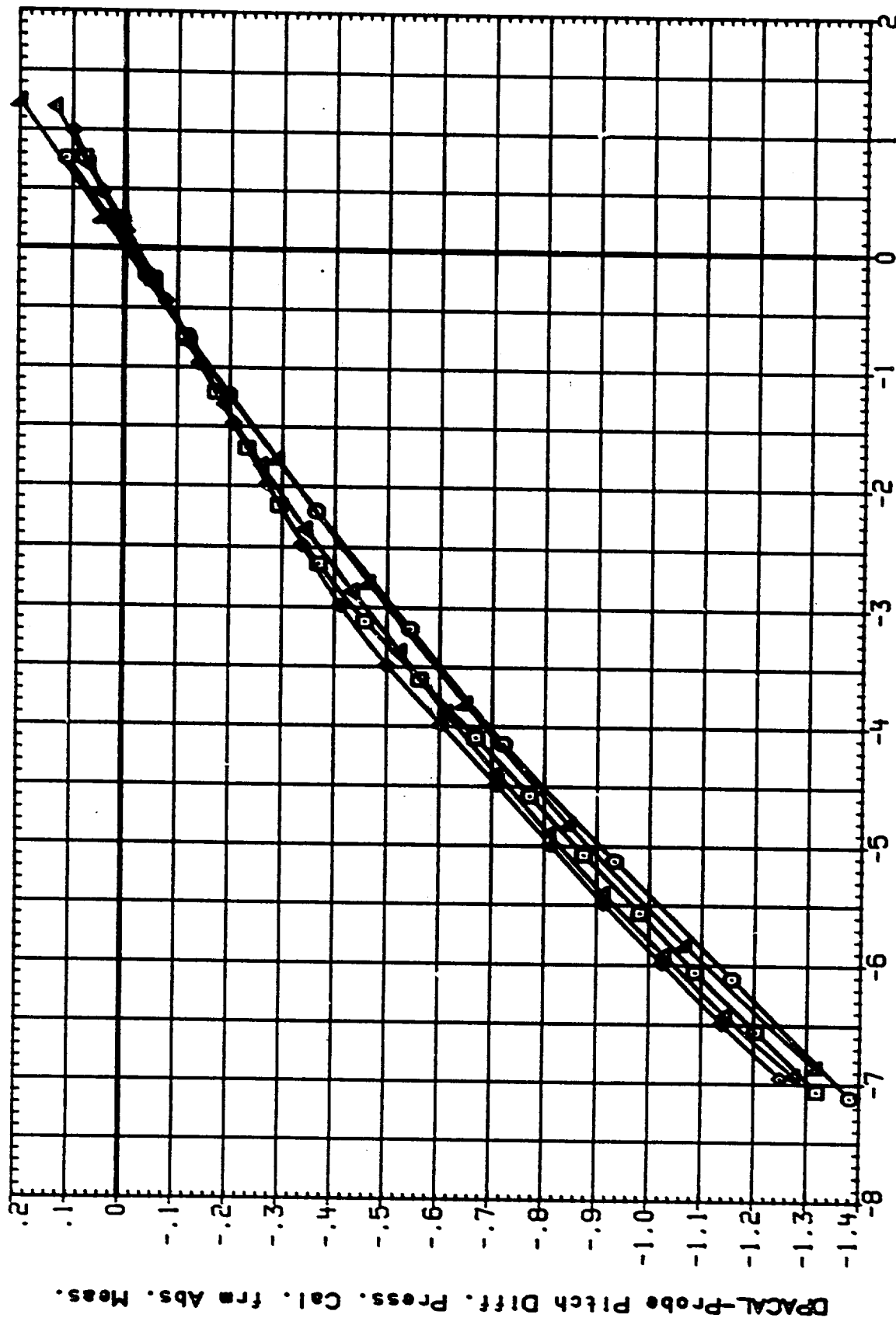


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

(K)MACH = 1.54

DATE 22 OCT 91

DATA SET SYMBOL

TCH042
TCH045
TCH049
TCH053
TCH055

IA310 (AEDC 16TF-783) PROBE CALIBRATION
IA310 (AEDC 16TF-783) PROBE CALIBRATION
IA310 (AEDC 16TF-783) PROBE CALIBRATION
IA310 (AEDC 16TF-783) PROBE CALIBRATION
IA310 (AEDC 16TF-783) PROBE CALIBRATION

CONFIGURATION

BETA PHI
-4.000 180.000
-2.000 180.000
2.000 180.000
4.000 180.000

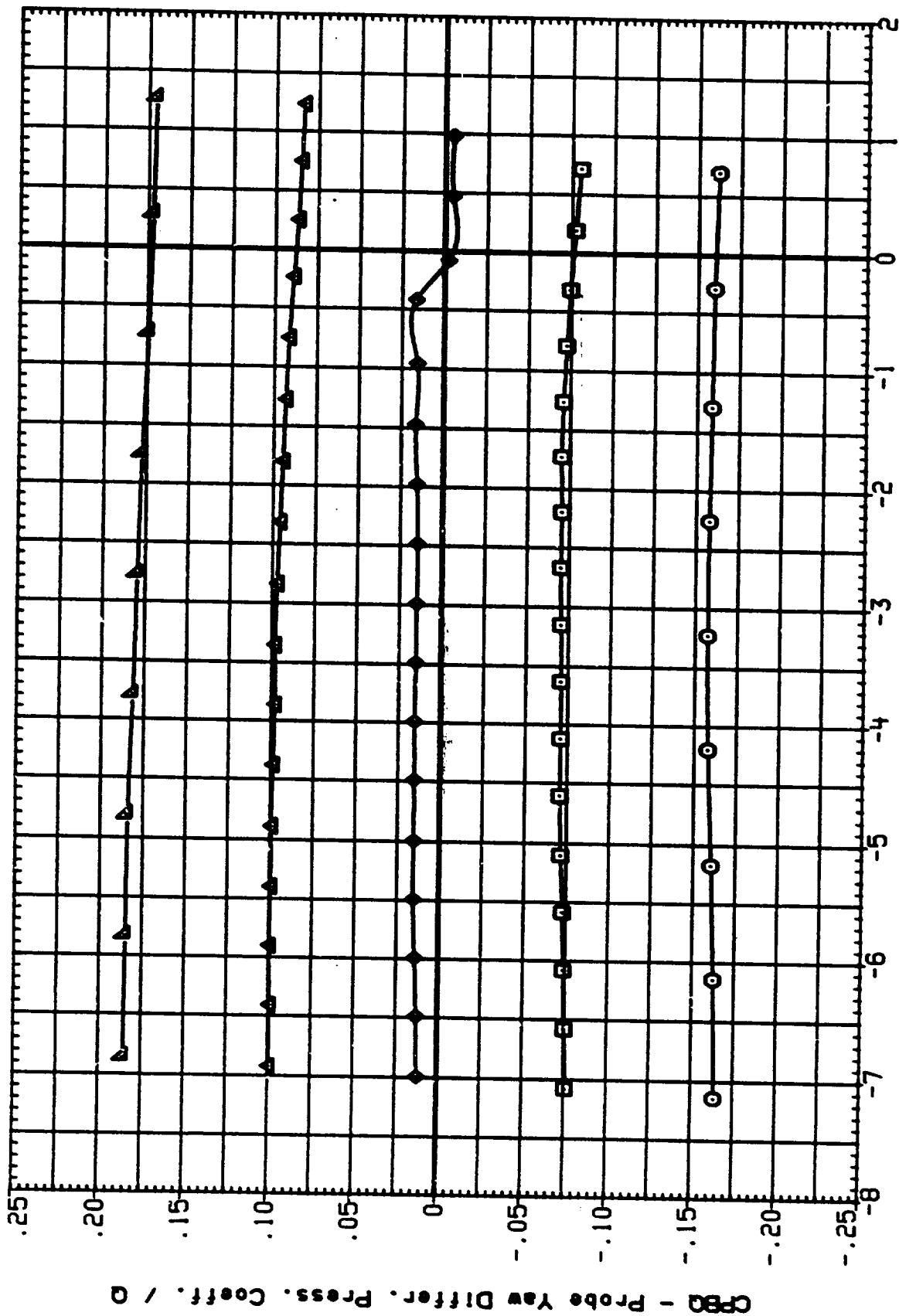


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

(A) MACH = .60

DATE 27 OCT 91

DA	SYMBOL	CONFIGURATION	BE	PHI
ICH042	○	IA310 (AEDC 161F-783) PROBE CALIBRATION	-4.000	180.000
ICH045	×	IA310 (AEDC 161F-783) PROBE CALIBRATION	-2.000	180.000
ICH049	◇	IA310 (AEDC 161F-783) PROBE CALIBRATION	.000	180.000
ICH053	▽	IA310 (AEDC 161F-783) PROBE CALIBRATION	2.000	
ICH056	△	IA310 (AEDC 161F-783) PROBE CALIBRATION	4.000	180.000

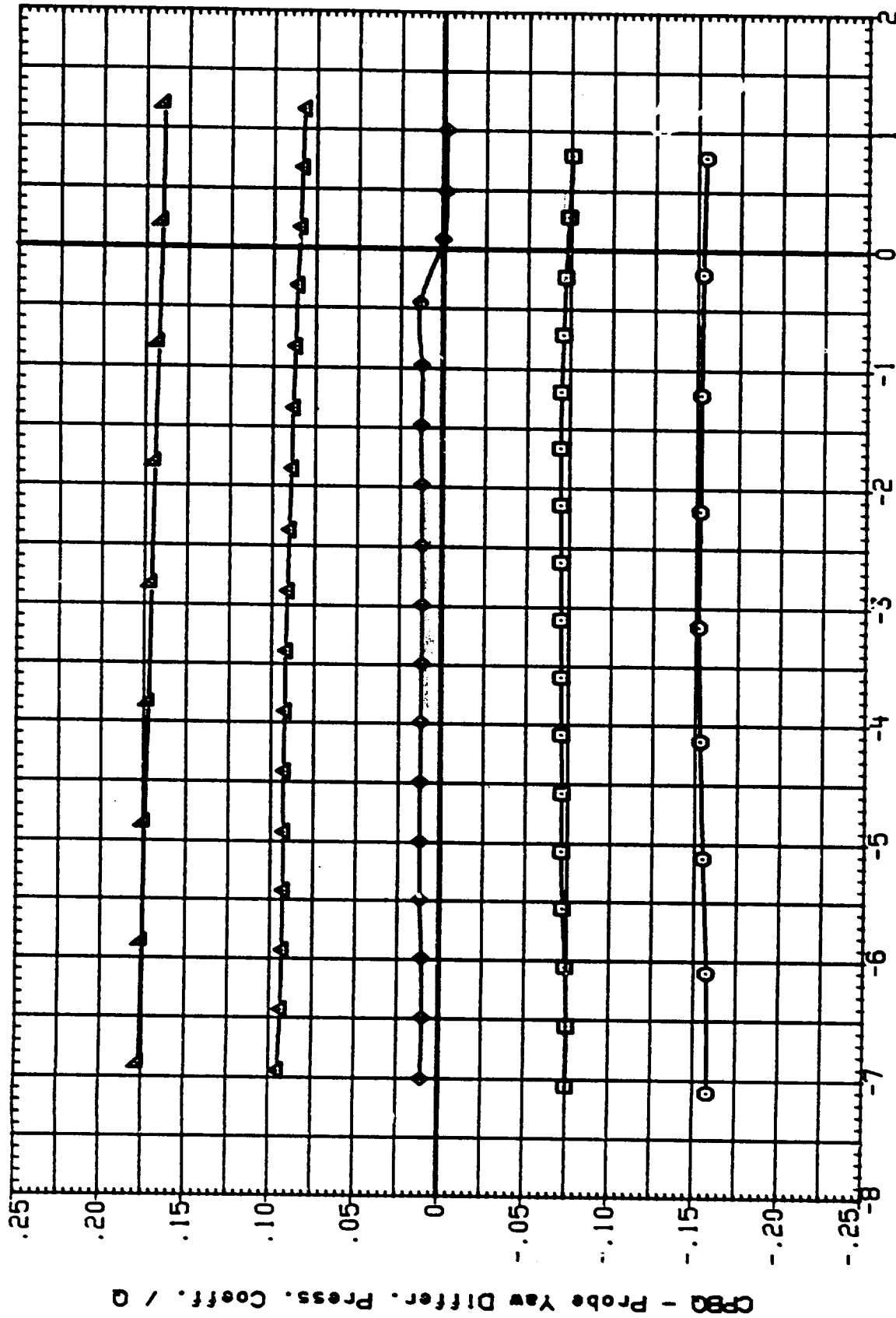


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

(B) MACH = .80

DATE 22 OCT 91

DATA SET SYMBOL	CONFIGURATION	BETA	PHI
TCH042	IA310 (AEDC 181F-783) PROBE CALIBRATION	-4.000	180.000
TCH045	IA310 (AEDC 181F-783) PROBE CALIBRATION	-2.000	180.000
TCH049	IA310 (AEDC 181F-783) PROBE CALIBRATION	0.000	180.000
TCH053	IA310 (AEDC 181F-783) PROBE CALIBRATION	2.000	180.000
TCH056	IA310 (AEDC 181F-783) PROBE CALIBRATION	4.000	180.000

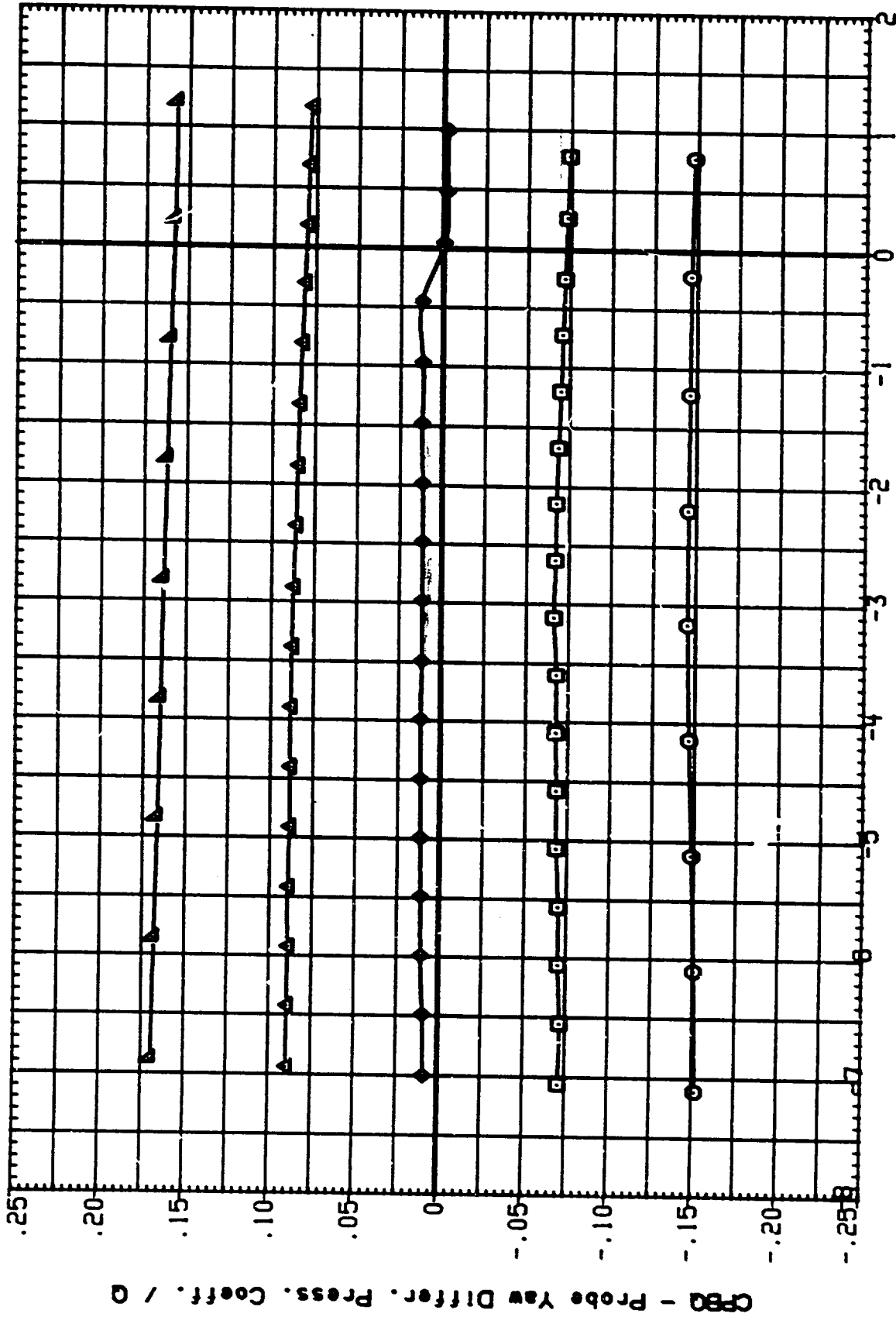


FIG. 1 - AADS PROBE CALIBRATION - TEST SERIES 4

DATE	SYMBOL	CONFIGURATION	DET.	PHI
TCH075	○	IA310 (AEDC 181F-783) PROBE CALIBRATION	-4.000	180.000
TCH045	×	IA310 (AEDC 181F-783) PROBE CALIBRATION	-2.000	180.000
TCH049	△	IA310 (AEDC 181F-783) PROBE CALIBRATION	.000	180.000
TCH053	◇	IA310 (AEDC 181F-783) PROBE CALIBRATION	2.000	180.000
TCH056	□	IA310 (AEDC 181F-783) PROBE CALIBRATION	4.000	180.000

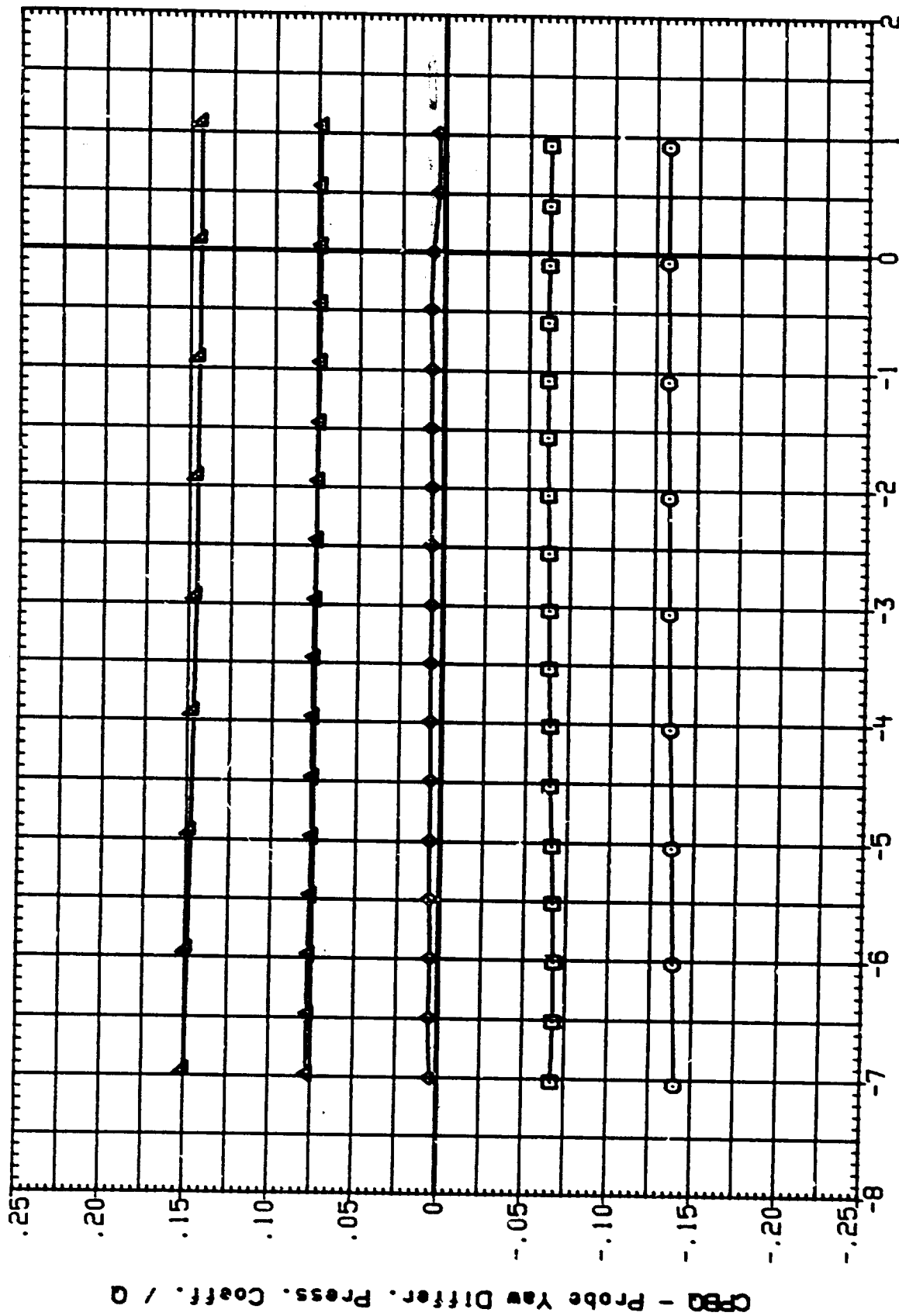


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

DATA SET SYMBOL

TCH042
TCH045
TCH048
TCH053
TCH056

CONFIGURATION

IA310 (AEDC 161F-783) PROBE CALIBRATION
IA310 (AEDC 161F-783) PROBE CALIBRATION
IA310 (AEDC 161F-783) PROBE CALIBRATION
IA310 (AEDC 161F-783) PROBE CALIBRATION

BETA PHI
-4.000 180.000
-2.000 180.000
.000 180.000
2.000 180.000
4.000 180.000

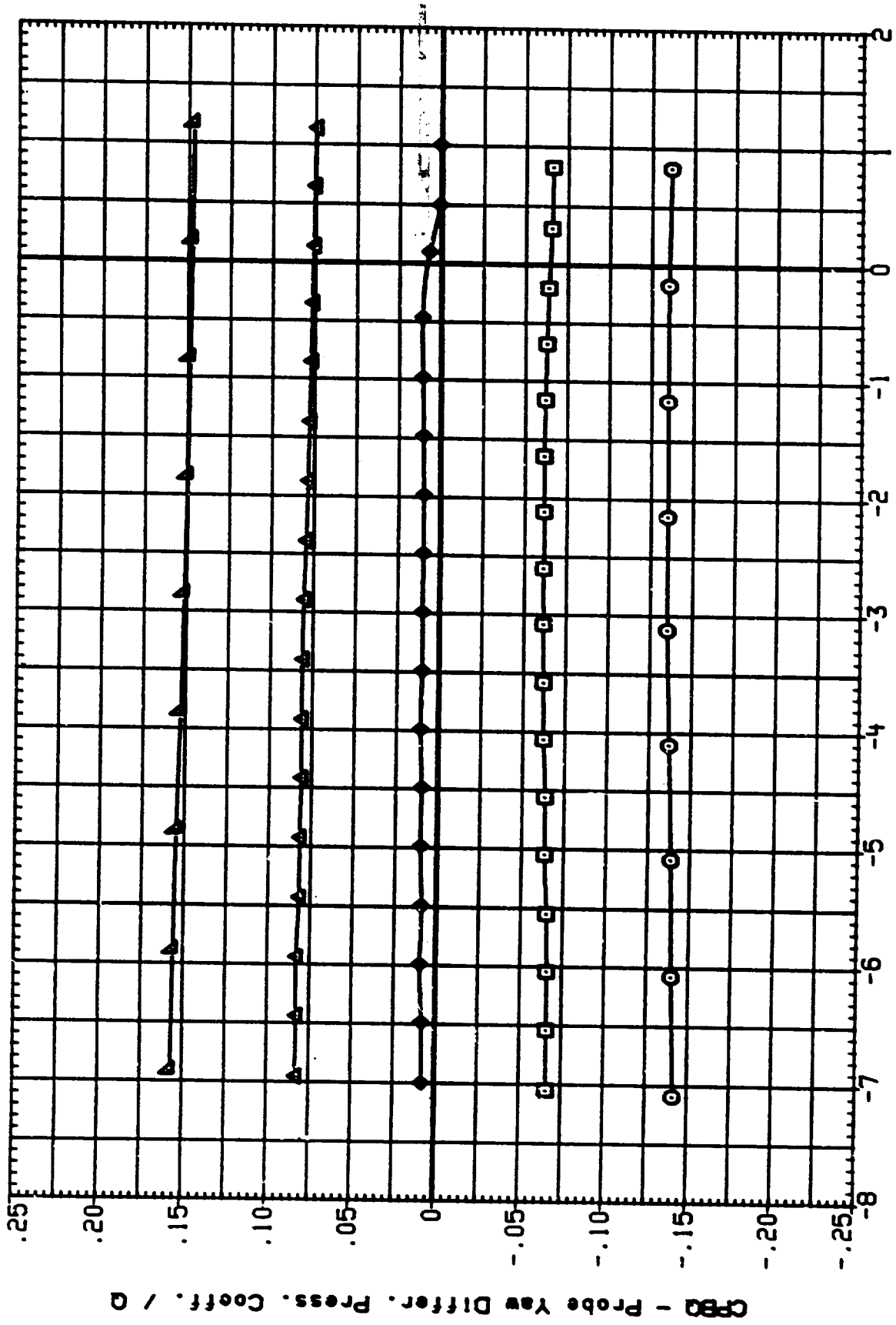


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

(E) H = 1.25

DATE (OCT 91

DATE	SYMBOL	CONFIGURATION	BET	PHI
TCN075	○	IA310 (AEDC 16TF-783) PROBE CALIBRATION	-4.000	180.000
TCN045	◇	IA310 (AEDC 16TF-783) PROBE CALIBRATION	-2.000	180.600
TCN049	△	IA310 (AEDC 16TF-783) PROBE CALIBRATION	.000	180.000
TCN053	×	IA310 (AEDC 16TF-783) PROBE CALIBRATION	2.000	180.000
TCN056	+	IA310 (AEDC 16TF-783) PROBE CALIBRATION	4.000	180.000

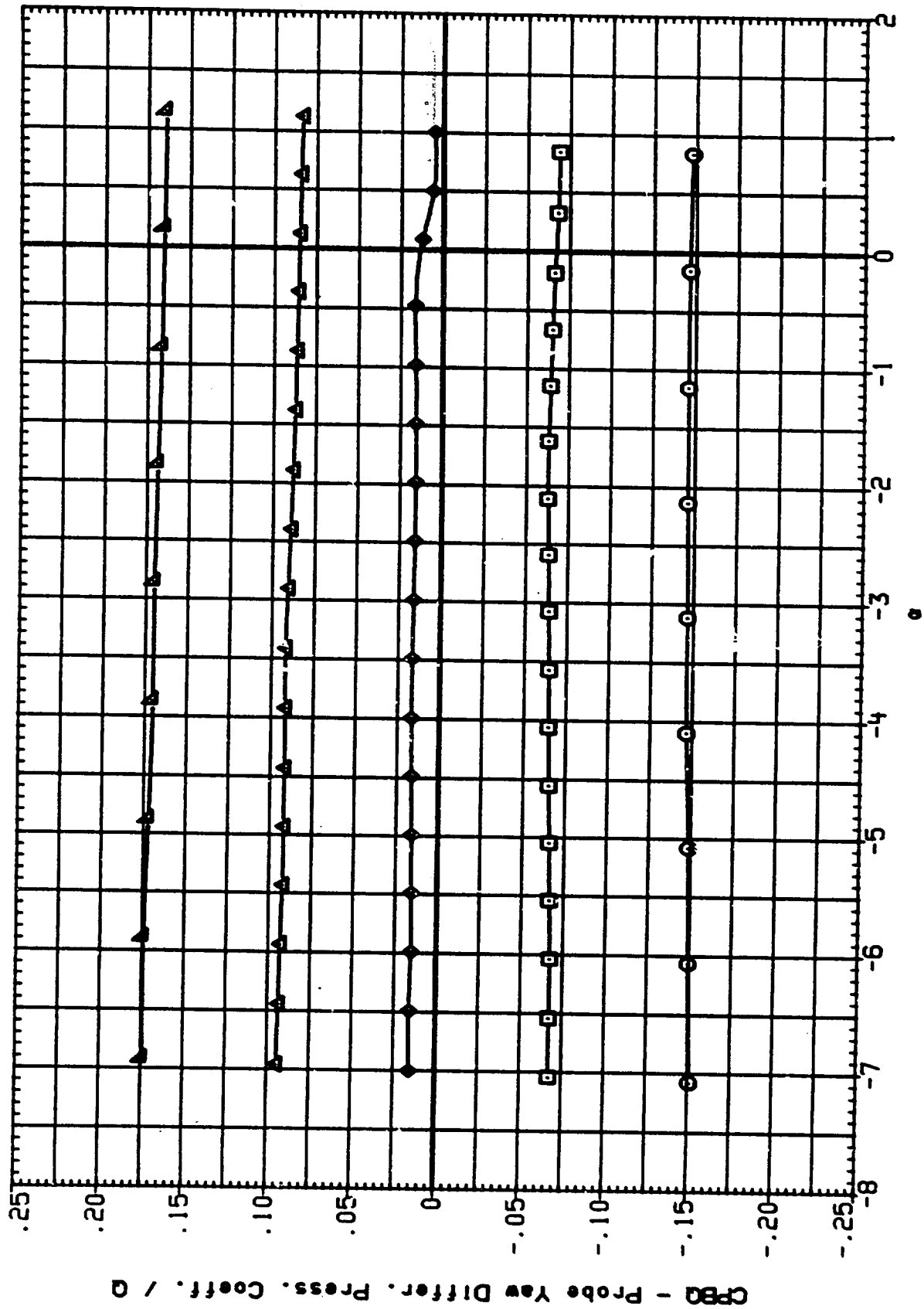


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

(F)MACH = 1.40

DATE 22 OCT 91

DATA SET SYMBOL

TCM042
TCM045
TCM048
TCM053
TCM056

CONFIGURATION

IA310 (AEDC 161F-783) PROBE CALIBRATION
IA310 (AEDC 161F-783) PROBE CALIBRATION
IA310 (AEDC 161F-783) PROBE CALIBRATION
IA310 (AEDC 161F-783) PROBE CALIBRATION

BETA PHI

-4.000 180.000
-2.000 180.000
2.000 180.000
4.000 180.000

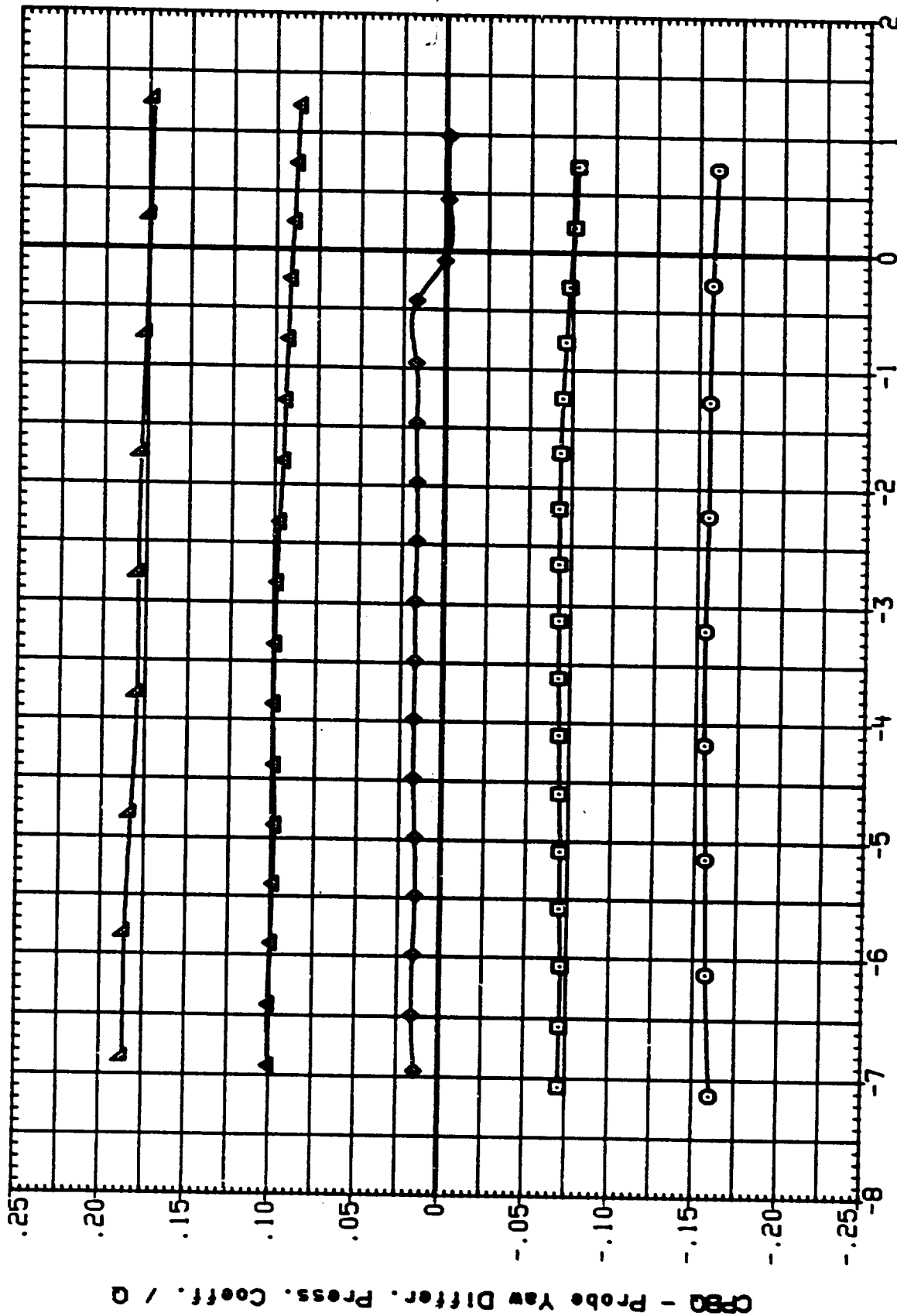


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

DATE	SYMBOL	CONFIGURATION	BE	PHI
TC4045	□	IA310 (AEDC 161F-783) PROBE CALIBRATION	-4.000	180.000
TC4045	□	IA310 (AEDC 161F-783) PROBE CALIBRATION	-2.000	180.000
TC4053	△	IA310 (AEDC 161F-783) PROBE CALIBRATION	2.000	180.000
TC4056	△	IA310 (AEDC 161F-783) PROBE CALIBRATION	4.000	180.000

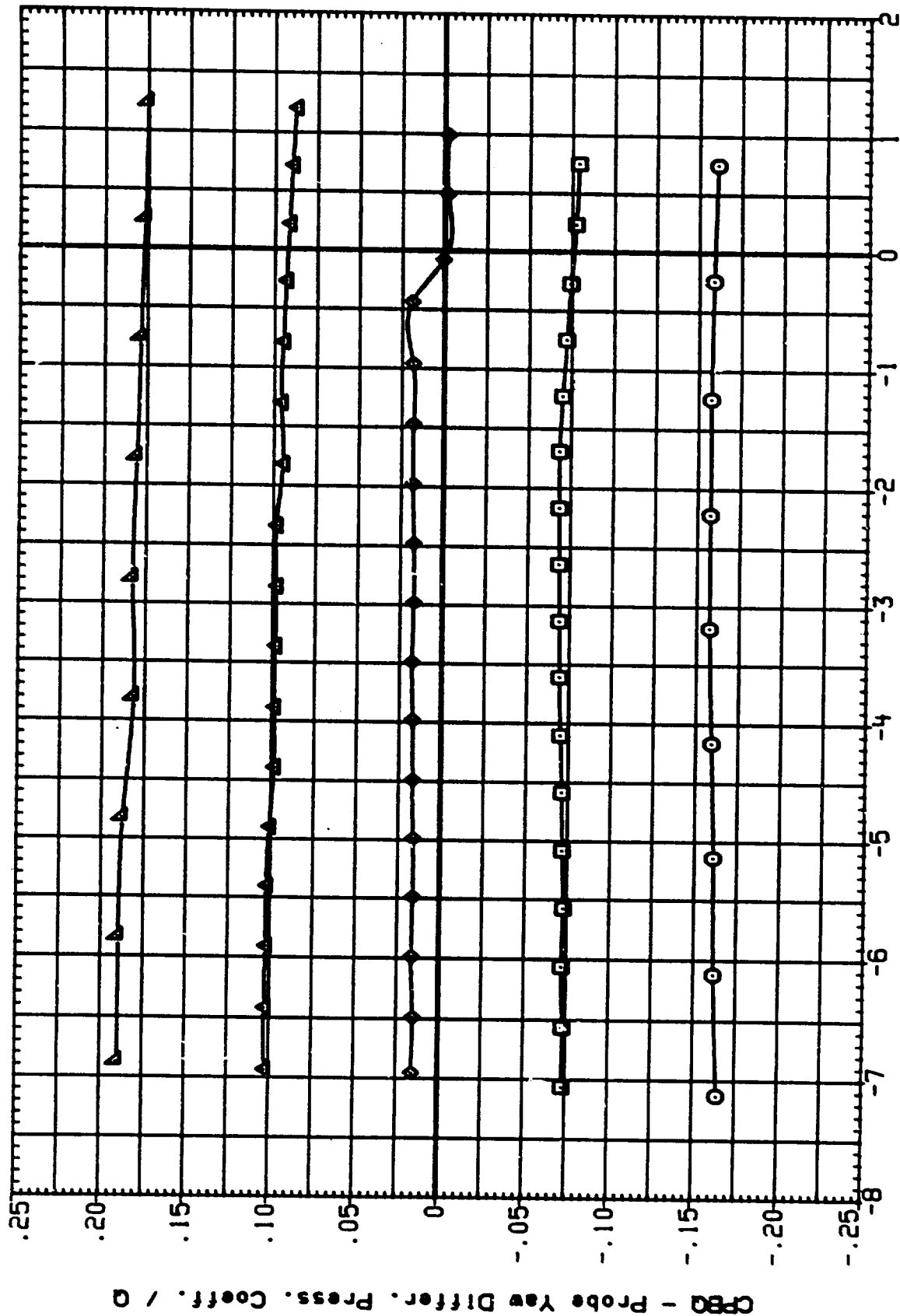


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

(H)MACH = 1.47

DATE 22 OCT 91

PAGE 107

DATA SET SYMBOL

TCH012
TCH015
TCH018
TCH023
TCH026

IA310 (AEDC 181F-783) PROBE CALIBRATION
IA310 (AEDC 181F-783) PROBE CALIBRATION
IA310 (AEDC 181F-783) PROBE CALIBRATION
IA310 (AEDC 181F-783) PROBE CALIBRATION

BETA PHI
-4.000 180.000
-2.000 180.000
2.000 180.000
4.000 180.000

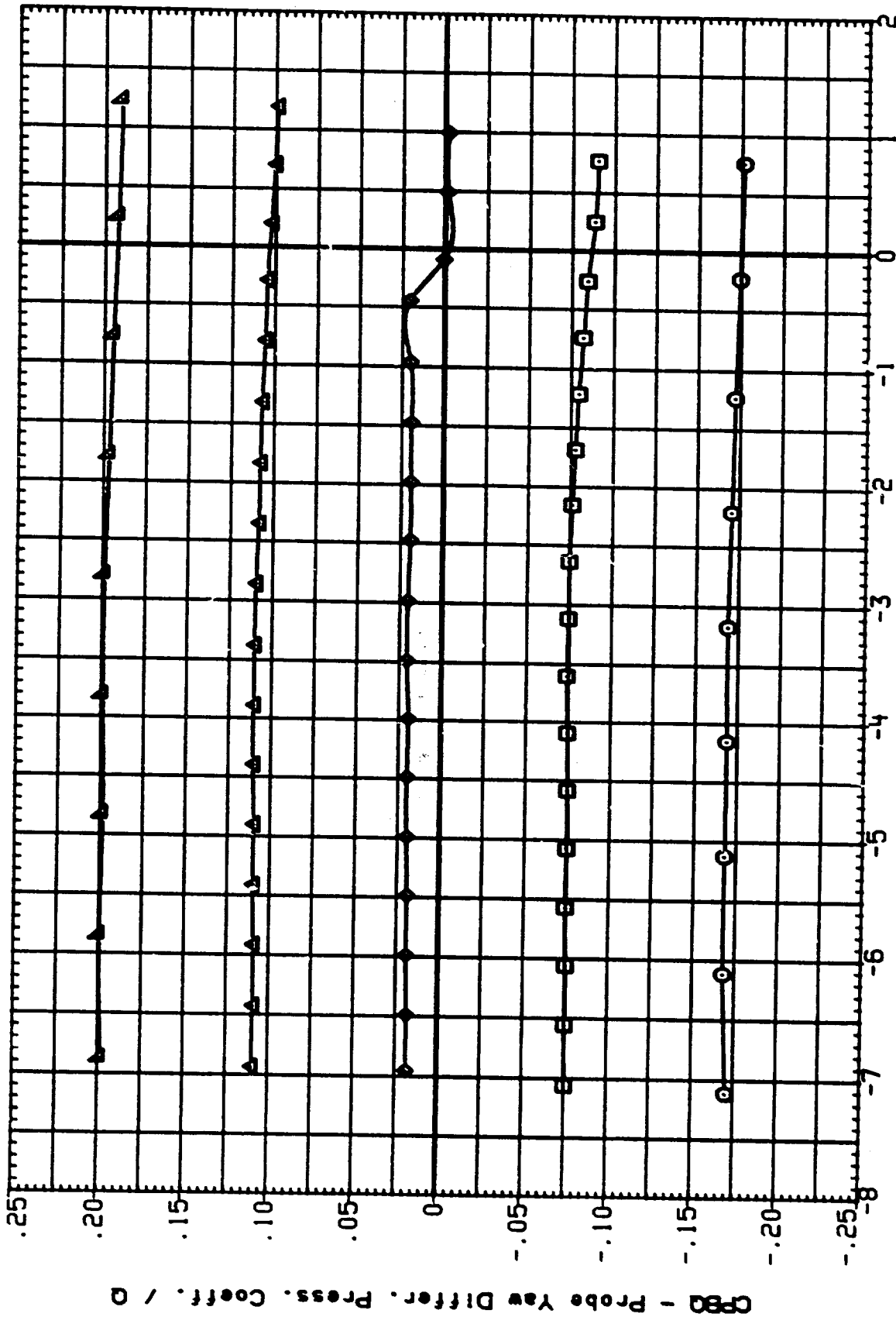


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

(1) PH = 1.49

DATE (OCT 91

DATA	SYMBOL	CONFIGURATION	BETA	PHI
TCH042	○	IA310 (AEDC 161F-783) PROBE CALIBRATION	-4.000	180.000
TCH045	○	IA310 (AEDC 161F-783) PROBE CALIBRATION	-2.000	180.000
TCH549	○	IA310 (AEDC 161F-783) PROBE CALIBRATION	0.000	180.000
TCH733	△	IA310 (AEDC 161F-783) PROBE CALIBRATION	2.000	180.000
TCH056	△	IA310 (AEDC 161F-783) PROBE CALIBRATION	4.000	180.000

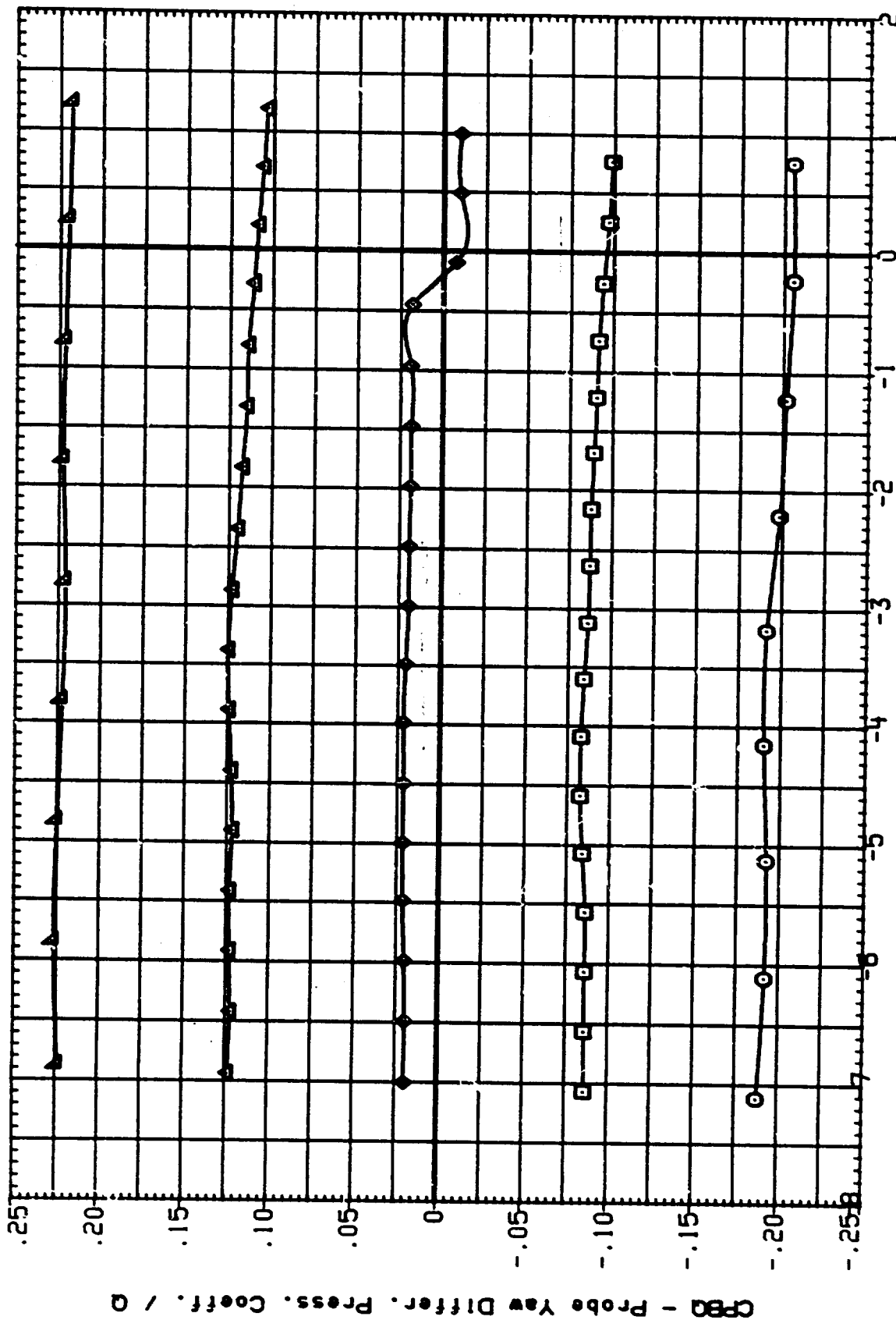


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

DATA SET SYMBOL	CONFIGURATION	BETA	PHI
TCH042	IA310 (AEDC 161F-783) PROBE CALIBRATION	-4.000	180.000
TCH045	IA310 (AEDC 161F-783) PROBE CALIBRATION	-2.000	180.000
TCH049	IA310 (AEDC 161F-783) PROBE CALIBRATION	0.000	180.000
TCH053	IA310 (AEDC 161F-783) PROBE CALIBRATION	2.000	180.000
TCH056	IA310 (AEDC 161F-783) PROBE CALIBRATION	4.000	180.000

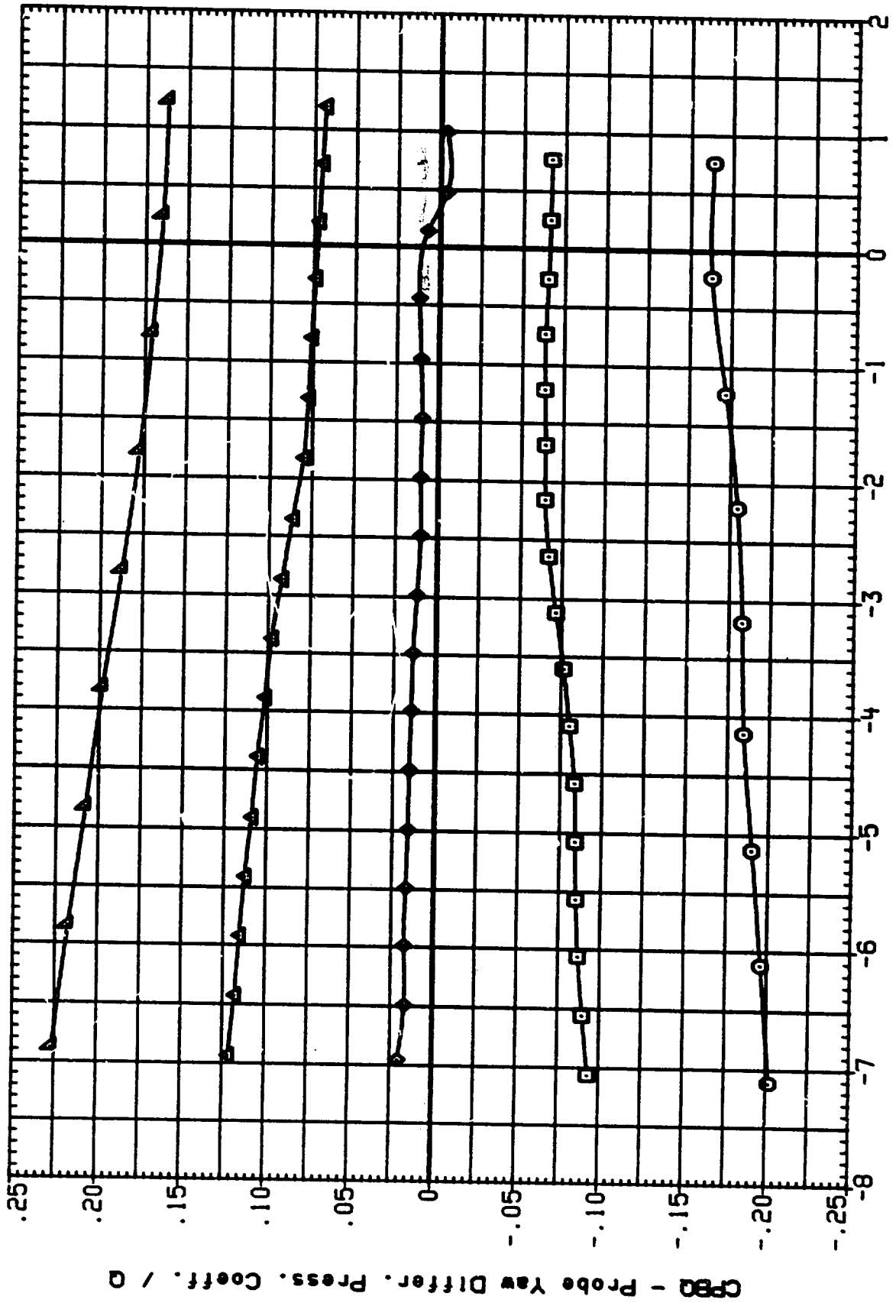


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

(K)MA = 1.54

DATE 22 T 91

DATA SET	CONFIGURATION	BETA
TCM012	IA310 (AEDC 161F-783) PROBE CALIBRATION	-4.000
TCM015	IA310 (AEDC 161F-783) PROBE CALIBRATION	-2.000
TCM019	IA310 (AEDC 161F-783) PROBE CALIBRATION	.000
TCM053	IA310 (AEDC 161F-783) PROBE CALIBRATION	2.000
TCM056	IA310 (AEDC 161F-783) PROBE CALIBRATION	4.000

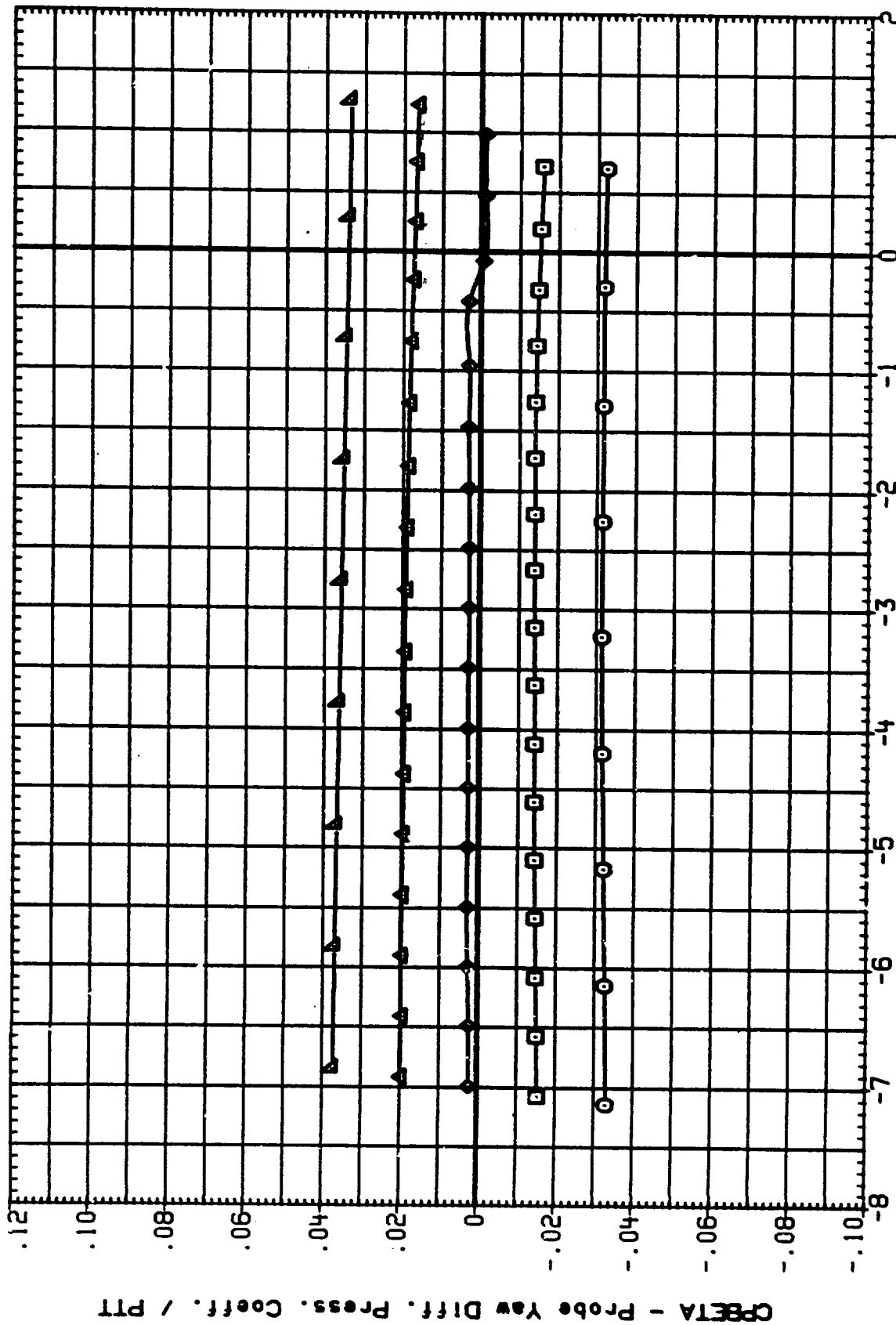


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

DATA SET SYMBOL	CONFIGURATION	BETA	PHI
TCM02	IA310 (AEDC 181F-783) PROBE CALIBRATION	-4.000	180.000
TCM05	IA310 (AEDC 181F-783) PROBE CALIBRATION	-2.000	180.000
TCM09	IA310 (AEDC 181F-783) PROBE CALIBRATION	.000	180.000
TCM033	IA310 (AEDC 181F-783) PROBE CALIBRATION	2.000	180.000
TCM056	IA310 (AEDC 181F-783) PROBE CALIBRATION	4.000	180.000

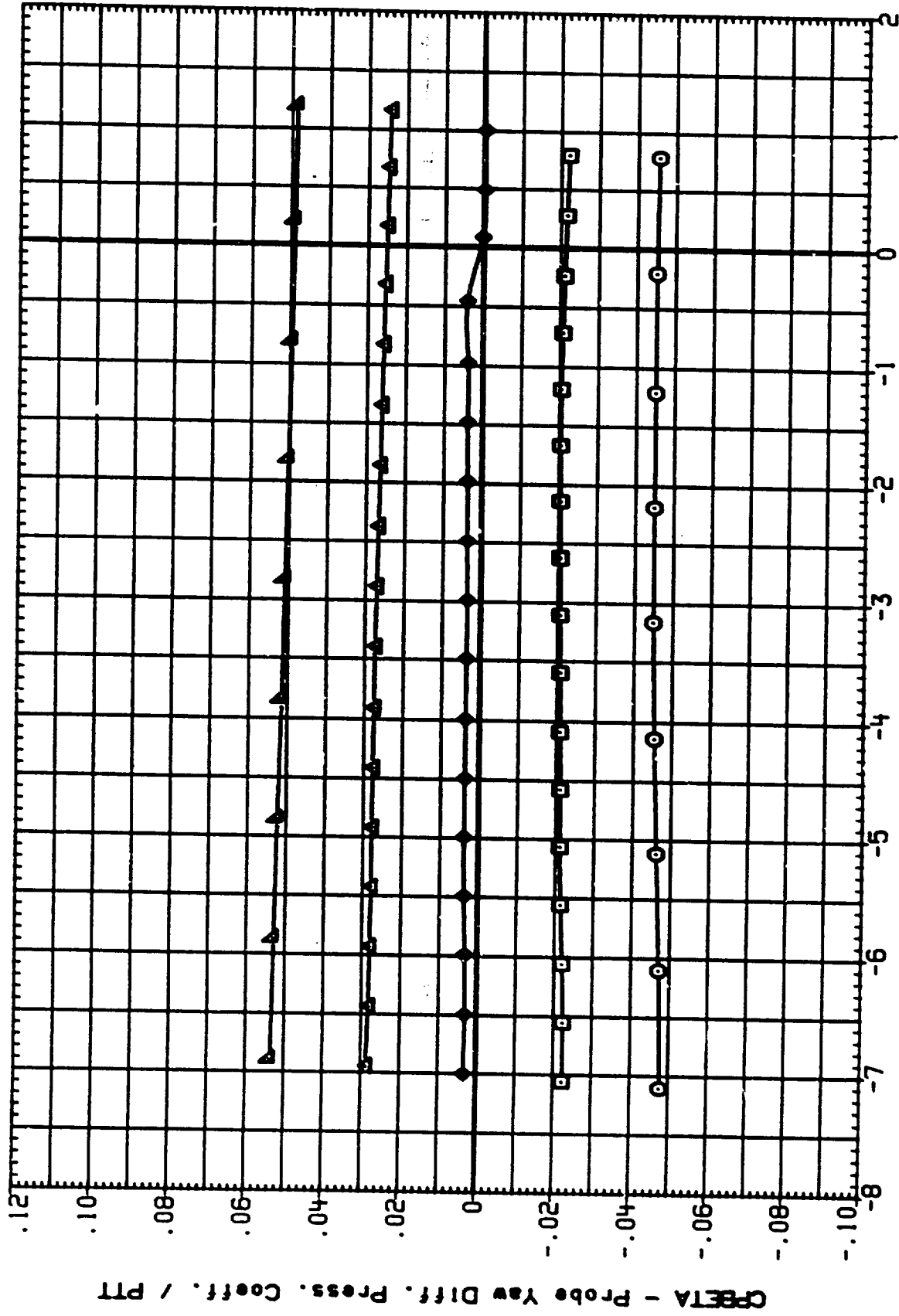


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

DATA 5A .H80L
 TCH042
 TCH045
 TCH049
 TCH053
 TCH056

CONFIGURATION
 IA310 (AEDC 16TF-783) PROBE CALIBRATION
 IA310 (AEDC 16TF-783) PROBE CALIBRATION
 IA310 (AEDC 16TF-783) PROBE CALIBRATION
 IA310 (AEDC 16TF-783) PROBE CALIBRATION

BETA °HI
 -4.000 180.000
 -2.000 180.000
 .000 180.000
 2.000 180.000
 4.000 180.000

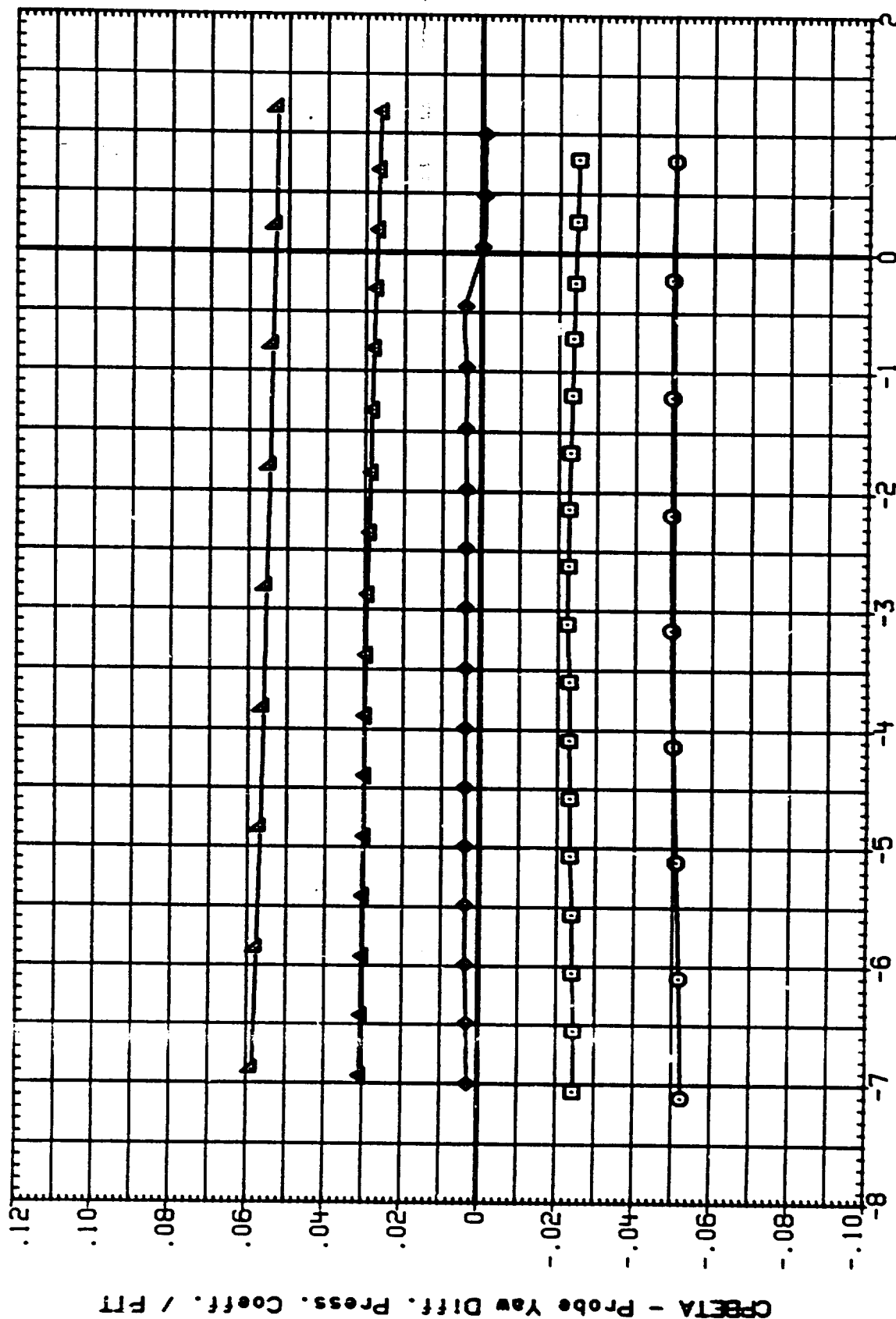


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

DATA SET SYMBOL	CONFIGURATION	BETA	PHI
TC042	IA310 (AEDC 18TF-783) PROBE CALIBRATION	-4.000	180.000
TC045	IA310 (AEDC 18TF-783) PROBE CALIBRATION	-2.000	180.000
TC048	IA310 (AEDC 18TF-783) PROBE CALIBRATION	2.000	180.000
TC043	IA310 (AEDC 18TF-783) PROBE CALIBRATION	4.000	180.000

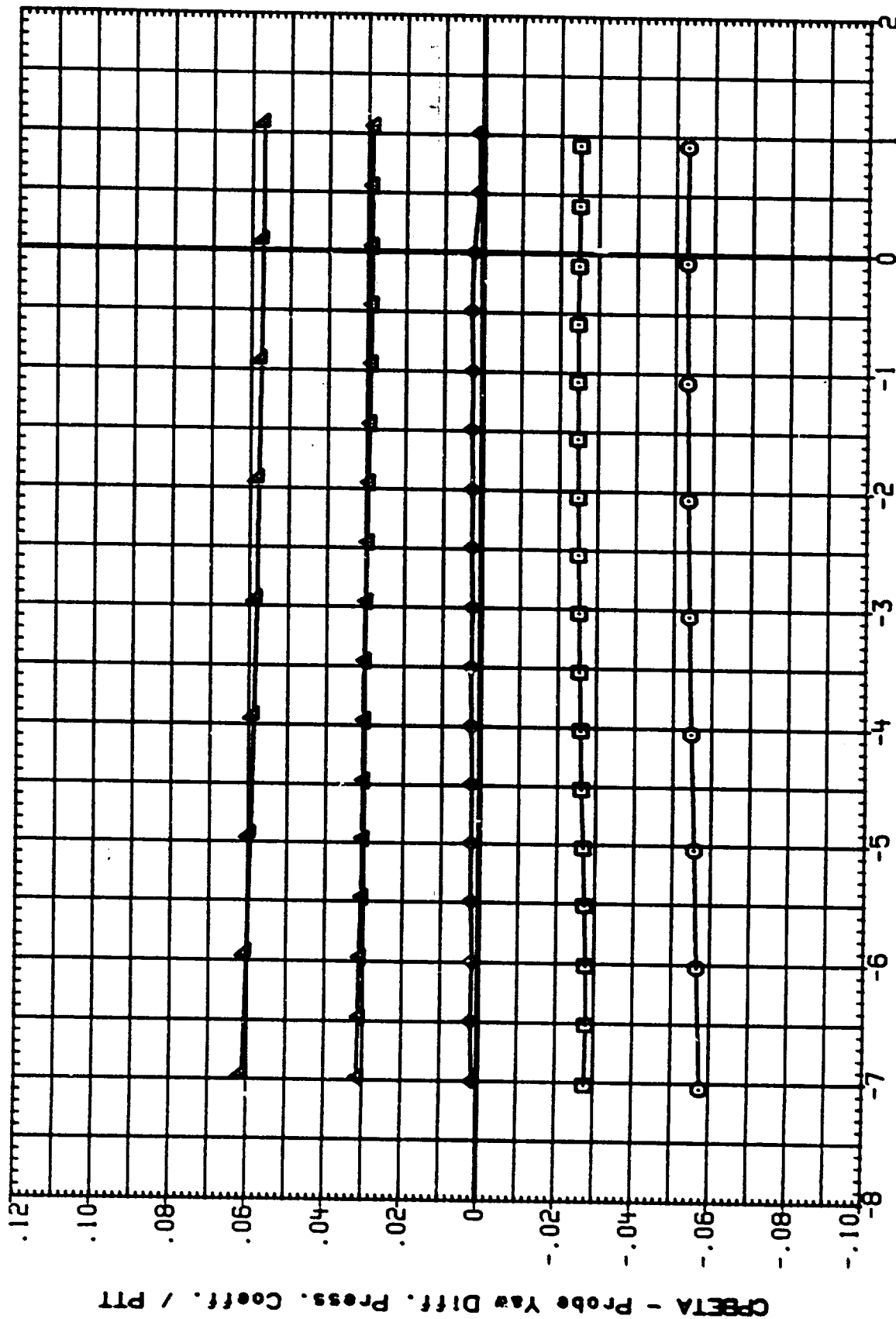


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

DATA 5

TC042
TC045
TC049
TC053
TC056

CONFIGURATION

IA310 (AEDC 181F-783) PROBE CALIBRATION
IA310 (AEDC 181F-783) PROBE CALIBRATION
IA310 (AEDC 181F-783) PROBE CALIBRATION
IA310 (AEDC 181F-783) PROBE CALIBRATION

BETA

-4.000 180.000
-2.000 180.000
.000 180.000
2.000 180.000
4.000 180.000

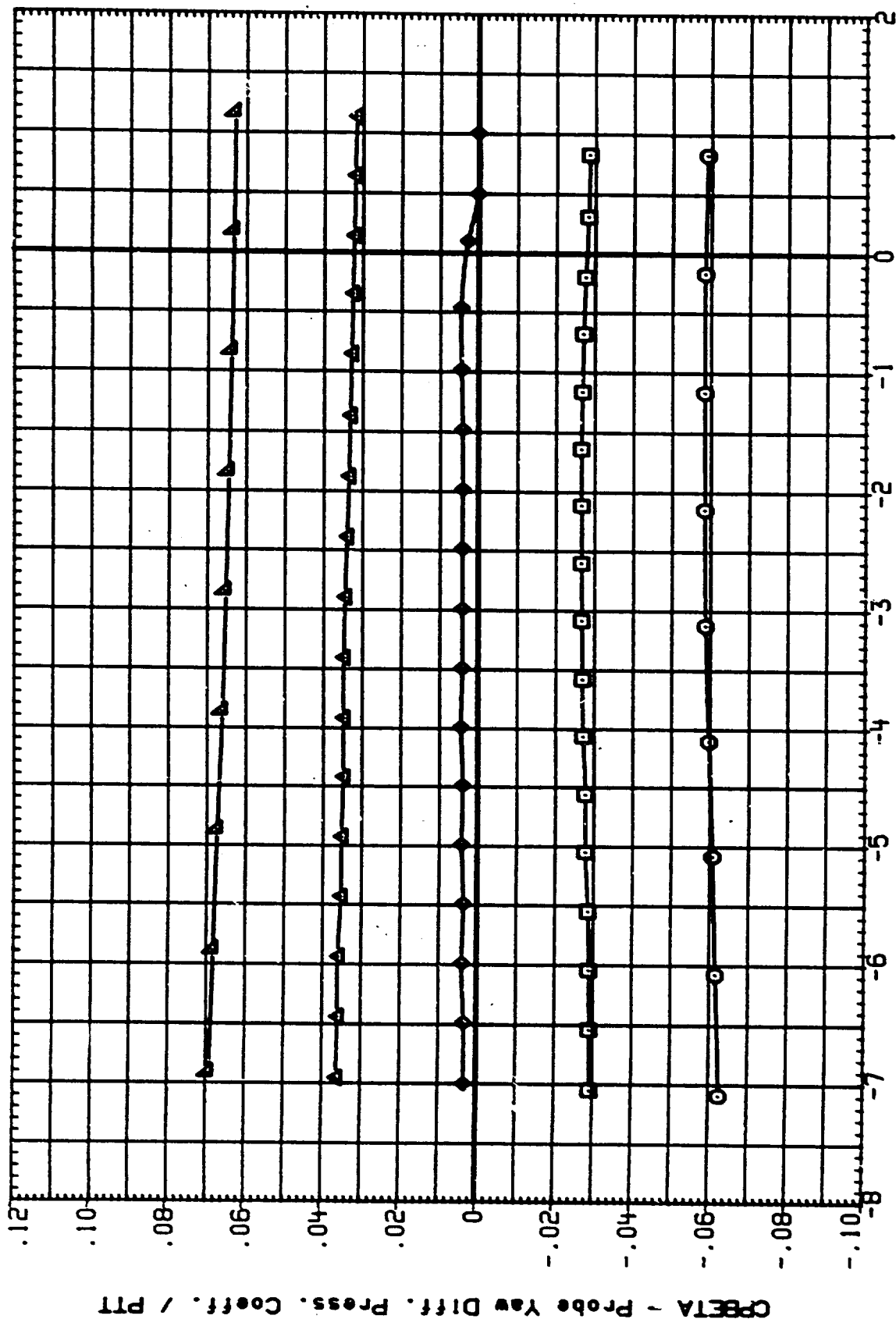


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

(E)MACH = 1.25

DATE 22 OCT 91

PAGE 115

DATA SET SYMBOL

TCH042
 TCH045
 TCH049
 TCH053
 TCH056

CONFIGURATION

IA310 (AEDC 16TF-783) PROBE CALIBRATION
 IA310 (AEDC 16TF-783) PROBE CALIBRATION
 IA310 (AEDC 16TF-783) PROBE CALIBRATION
 IA310 (AEDC 16TF-783) PROBE CALIBRATION

BETA
 -4.000
 -2.000
 .000
 2.000
 4.000

PHI
 180.000
 180.000
 180.000
 180.000

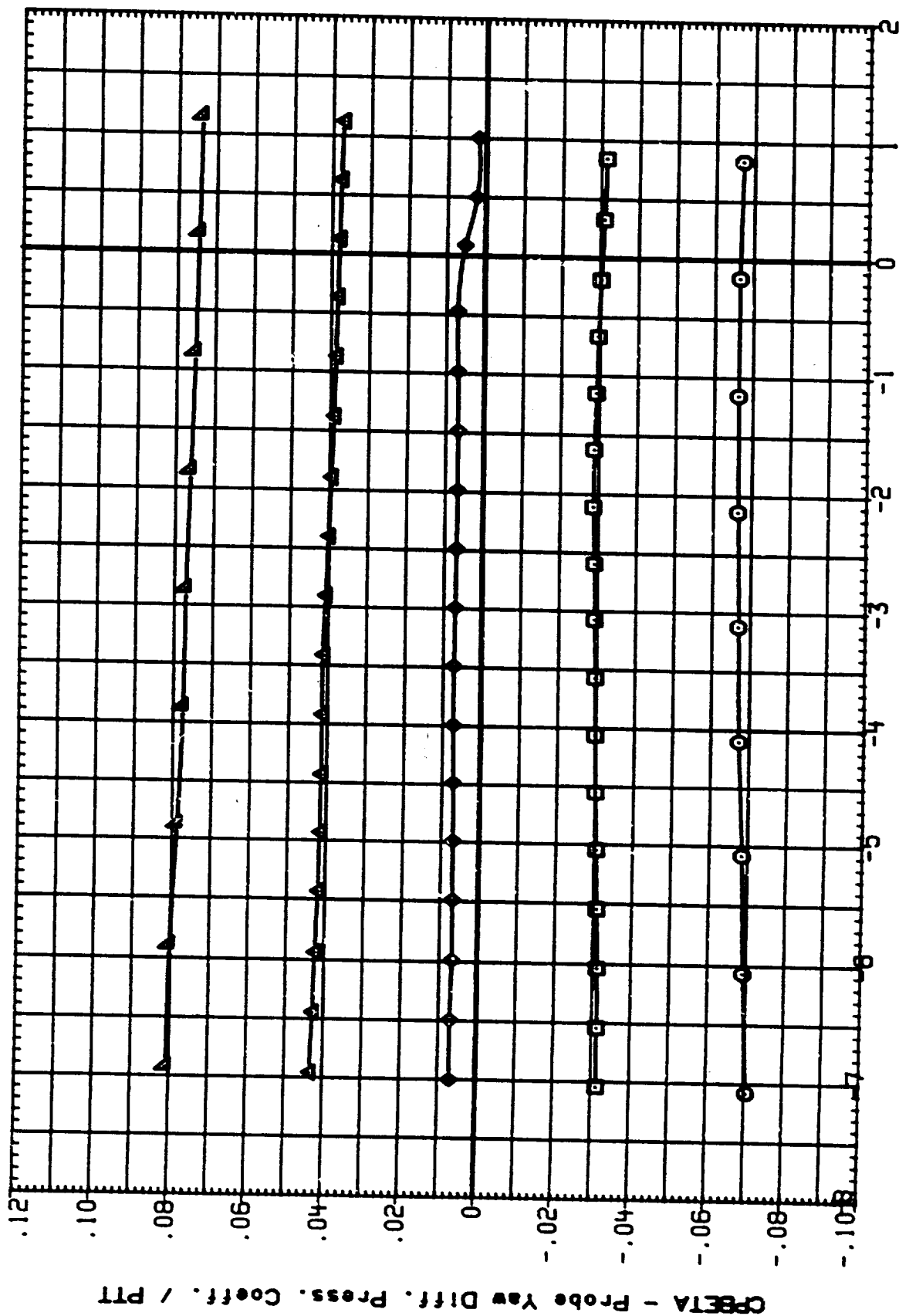


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

(F) 1 = 1.40

DATE 1 CT 91

DATA SET	CONFIGURATION	BETA
TC042	IA310 (AEDC 18TF-783) PROBE CALIBRATION	-4.000
TC045	IA310 (AEDC 18TF-783) PROBE CALIBRATION	-2.000
TC049	IA310 (AEDC 18TF-783) PROBE CALIBRATION	0.000
TC053	IA310 (AEDC 18TF-783) PROBE CALIBRATION	2.000
TC056	IA310 (AEDC 18TF-783) PROBE CALIBRATION	4.000

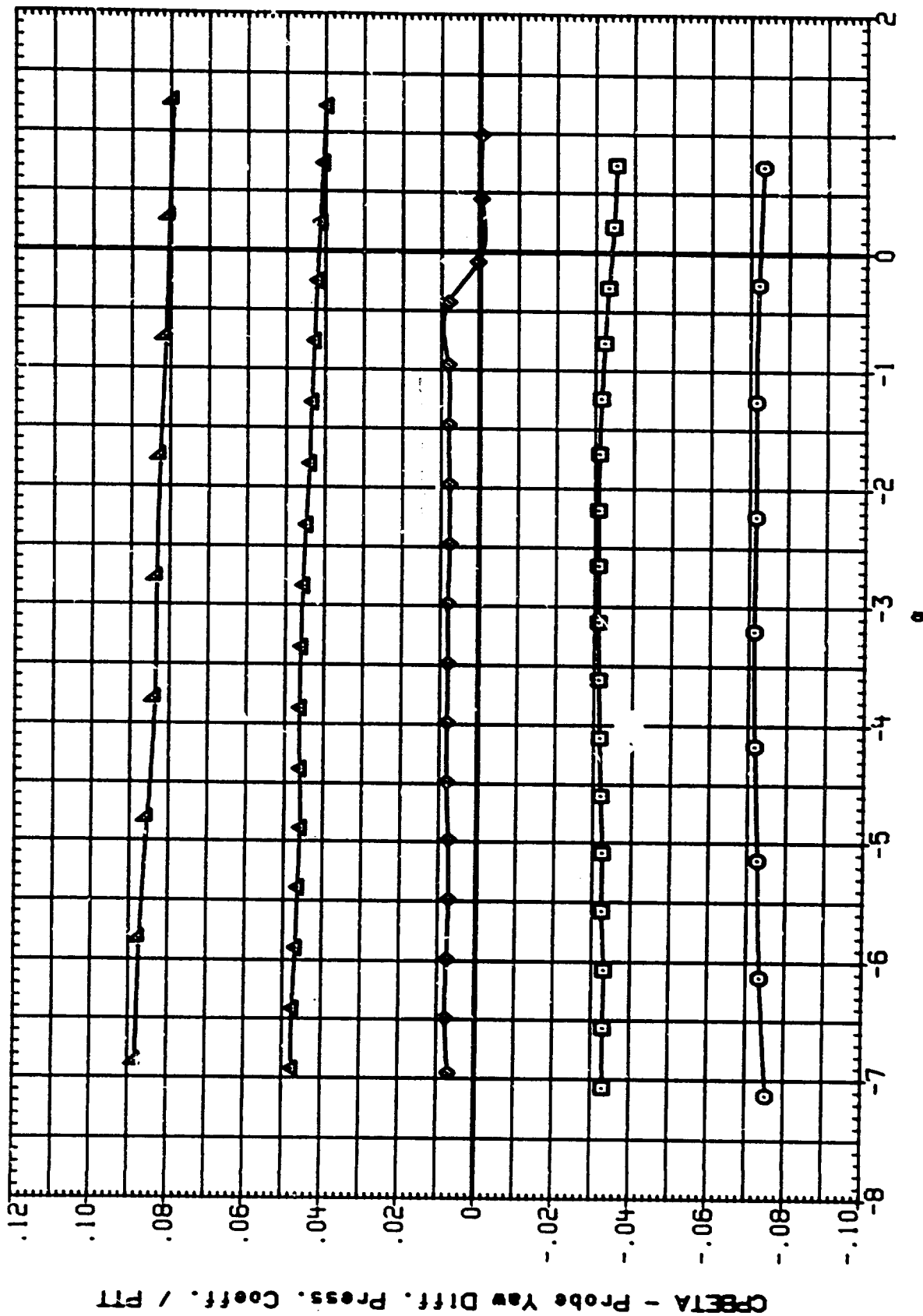


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

(G)MACH = 1.45

DATE 22 OCT 91

DATA SET SYMBOL

TCM042
TCM045
TCM048
TCM053
TCM056

CONFIGURATION

IA310 (AEDC 18TF-783) PROBE CALIBRATION
IA310 (AEDC 18TF-783) PROBE CALIBRATION
IA310 (AEDC 18TF-783) PROBE CALIBRATION
IA310 (AEDC 18TF-783) PROBE CALIBRATION
IA310 (AEDC 18TF-783) PROBE CALIBRATION

BETA PHI

-4.000 180.000
-2.000 180.000
.000 180.000
2.000 180.000
4.000 180.000

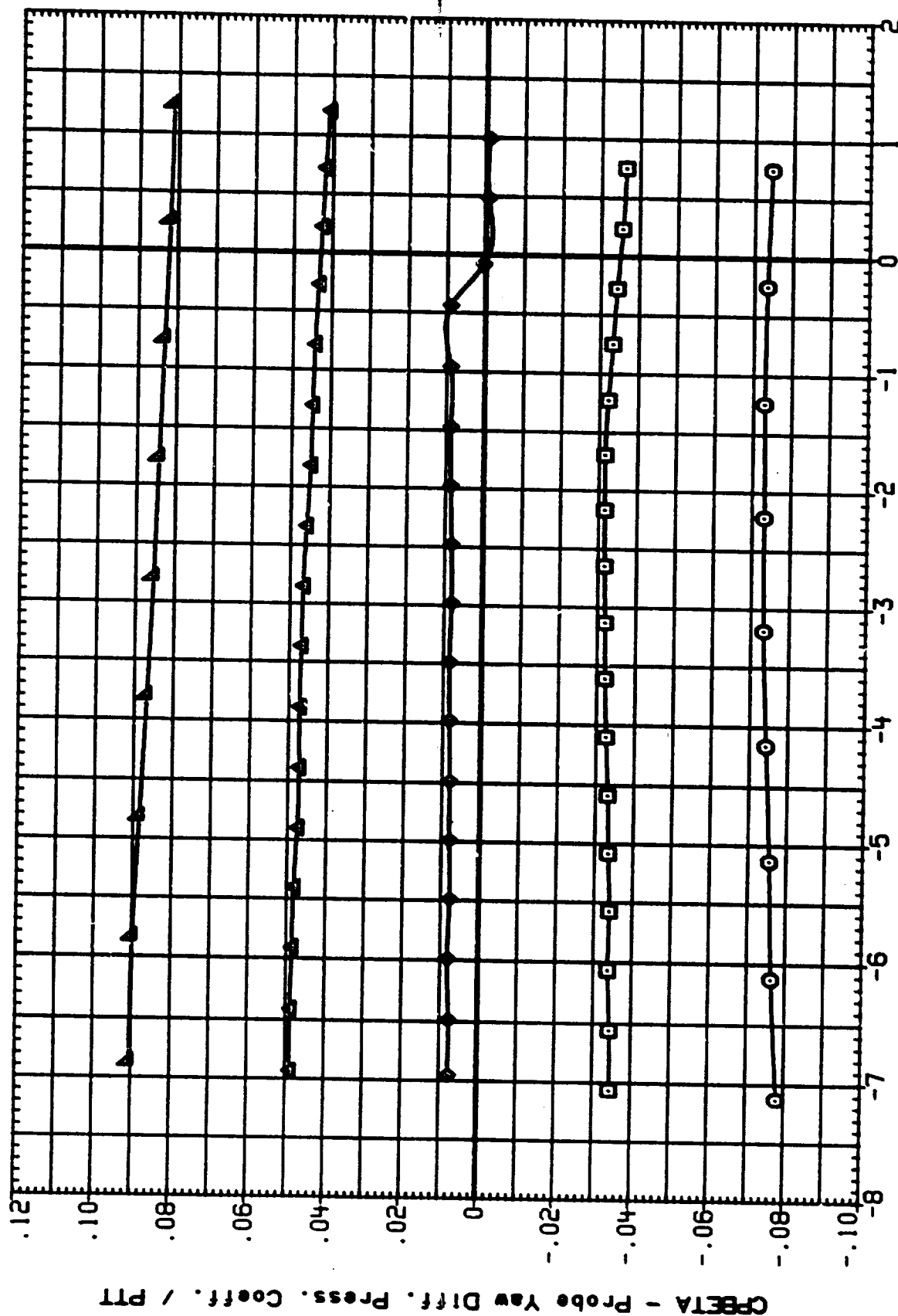


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

(H)MACU = 1.47

DATE 22 91

DATA SET

TCH042
TCH045
TCH049
TCH053
TCH056

CONFIGURATION

IA310 (AEDC 18TF-783) PROBE CALIBRATION
IA310 (AEDC 18TF-783) PROBE CALIBRATION
IA310 (AEDC 18TF-783) PROBE CALIBRATION
IA310 (AEDC 18TF-783) PROBE CALIBRATION
IA310 (AEDC 18TF-783) PROBE CALIBRATION

BETA

-4.000 180.000
-2.000 180.000
2.000 180.000
4.000 180.000

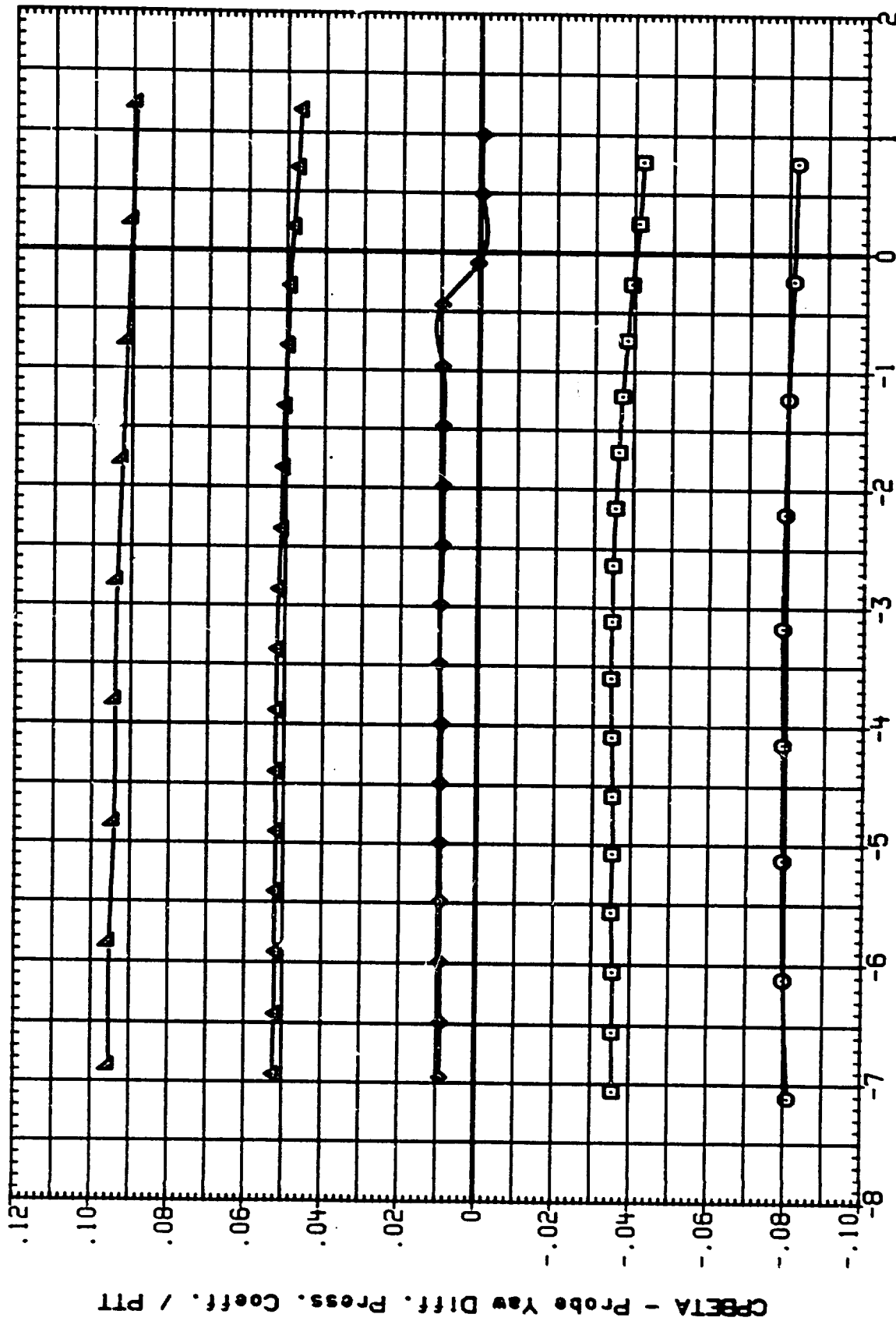


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

(1)MACH = 1.49

DATE 22 OCT 91

DATA SET SYMBOL	CONFIGURATION	BETA	PHI
TCM042	IA310 (AEDC 181F-783) PROBE CALIBRATION	-4.000	180.000
TCM043	IA310 (AEDC 181F-783) PROBE CALIBRATION	-2.000	180.000
TCM049	IA310 (AEDC 181F-783) PROBE CALIBRATION	.000	180.000
TCM053	IA310 (AEDC 181F-783) PROBE CALIBRATION	2.000	180.000
TCM058	IA310 (AEDC 181F-783) PROBE CALIBRATION	4.000	180.000

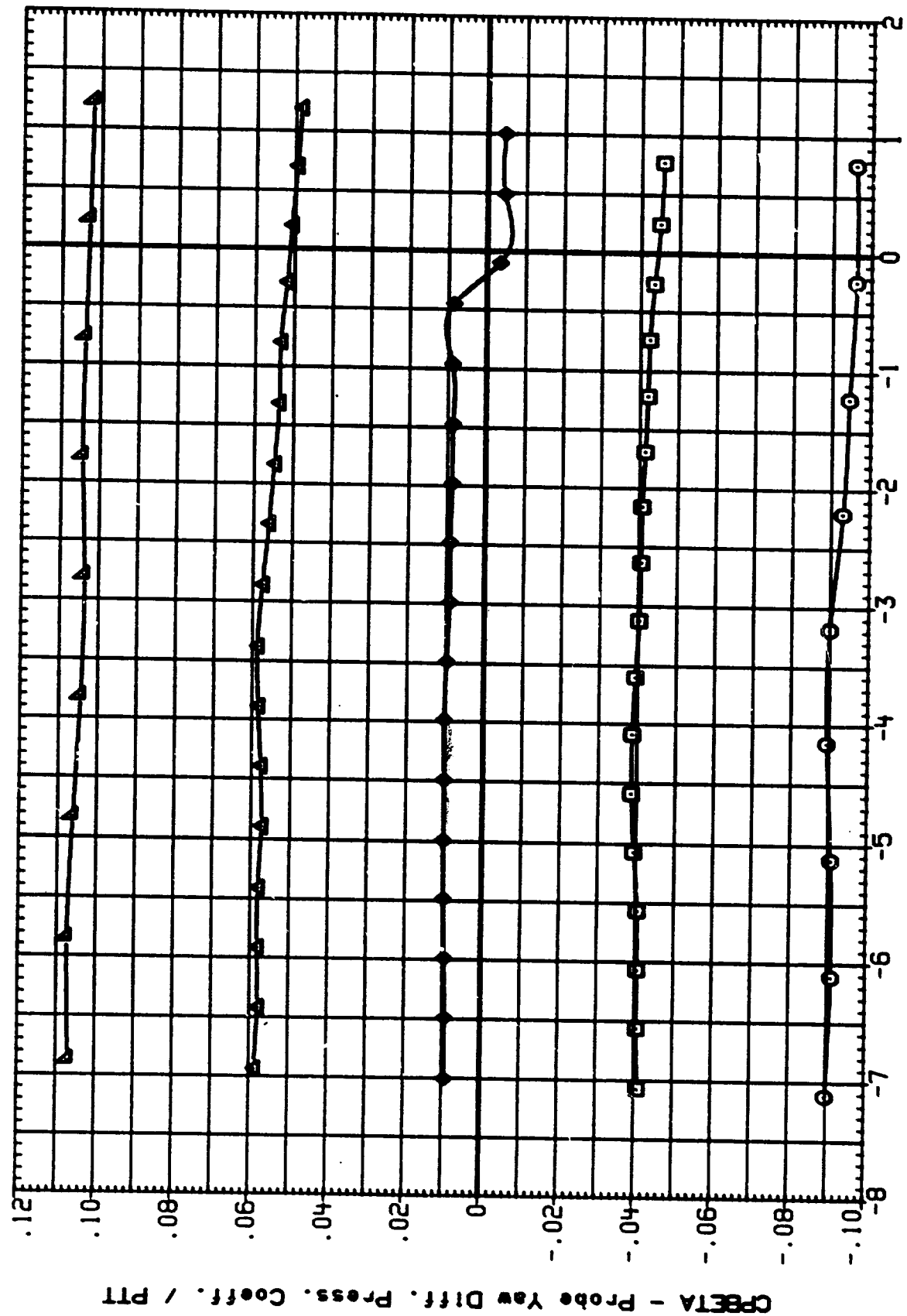


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

(J)MAC" = 1.52

DATE 22 OCT 91

DATA SET	301	CONFIGURATION	BETA
TC0344	IA310 (AEDC 161F-783)	PROBE CALIBRATION	-4.000
TC0345	IA310 (AEDC 161F-783)	PROBE CALIBRATION	-2.000
TC0346	IA310 (AEDC 161F-783)	PROBE CALIBRATION	0.000
TC0347	IA310 (AEDC 161F-783)	PROBE CALIBRATION	2.000
TC0348	IA310 (AEDC 161F-783)	PROBE CALIBRATION	4.000
TC0349	IA310 (AEDC 161F-783)	PROBE CALIBRATION	100.000
TC0350	IA310 (AEDC 161F-783)	PROBE CALIBRATION	180.000
TC0351	IA310 (AEDC 161F-783)	PROBE CALIBRATION	180.000

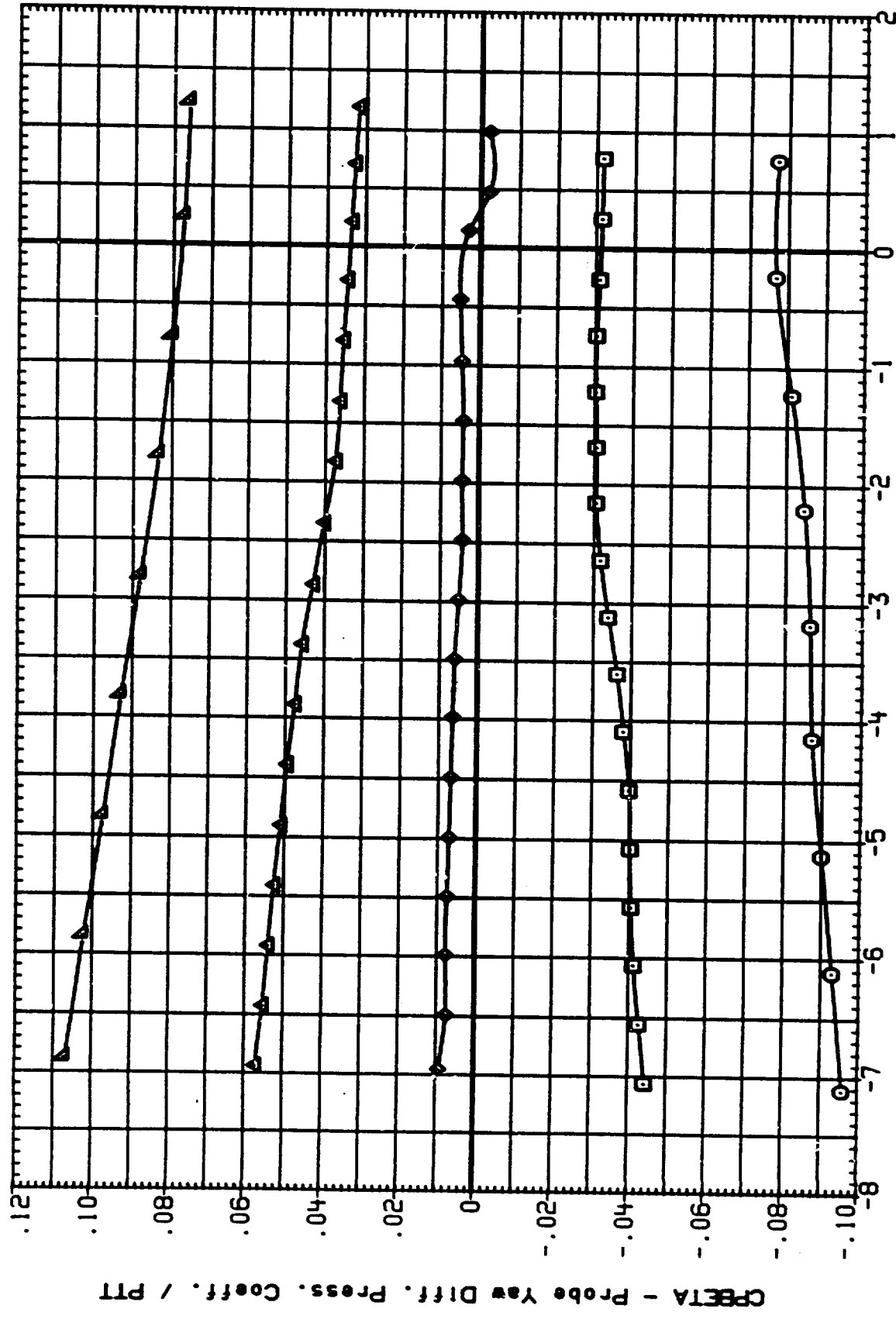


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

(K)MACH = 1.54

DATE 22 OCT 91

DATA SET SYMBOL	CONFIGURATION	BETA	PHI
UCH042	IA310 (AEDC 16TF-783) PROBE CALIBRATION	-4.000	180.000
UCH043	IA310 (AEDC 16TF-783) PROBE CALIBRATION	-2.000	180.000
UCH049	IA310 (AEDC 16TF-783) PROBE CALIBRATION	.000	180.000
UCH053	IA310 (AEDC 16TF-783) PROBE CALIBRATION	2.000	180.000
UCH056	IA310 (AEDC 16TF-783) PROBE CALIBRATION	4.000	180.000

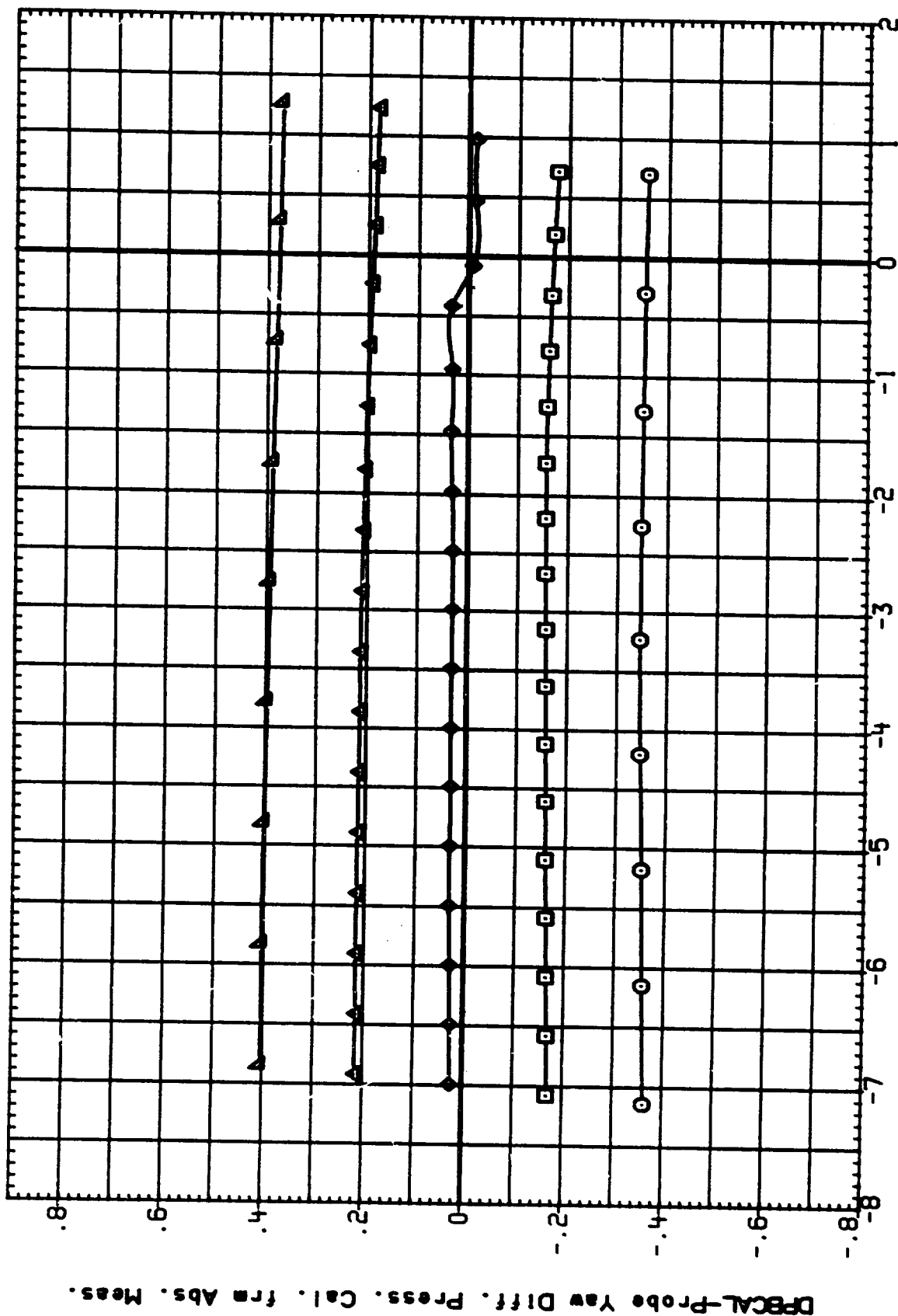


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

(A) MACH = .60

DATE 22 OCT 91

UCH01
UCH02
UCH03
UCH053
UCH056

CONFIGURATION

IA310	IAEDC	161F-783	PROBE	CAL	BRAT	ON
IA310	IAEDC	161F-783	PROBE	CAL	BRAT	ON
IA310	IAEDC	161F-783	PROBE	CAL	BRAT	ON
IA310	IAEDC	161F-783	PROBE	CAL	BRAT	ON
IA310	IAEDC	161F-783	PROBE	CAL	BRAT	ON

133
134

BETA	PHI
-4.00	0.000
-2.00	0.000
0.000	100.000
2.000	100.000
4.000	100.000

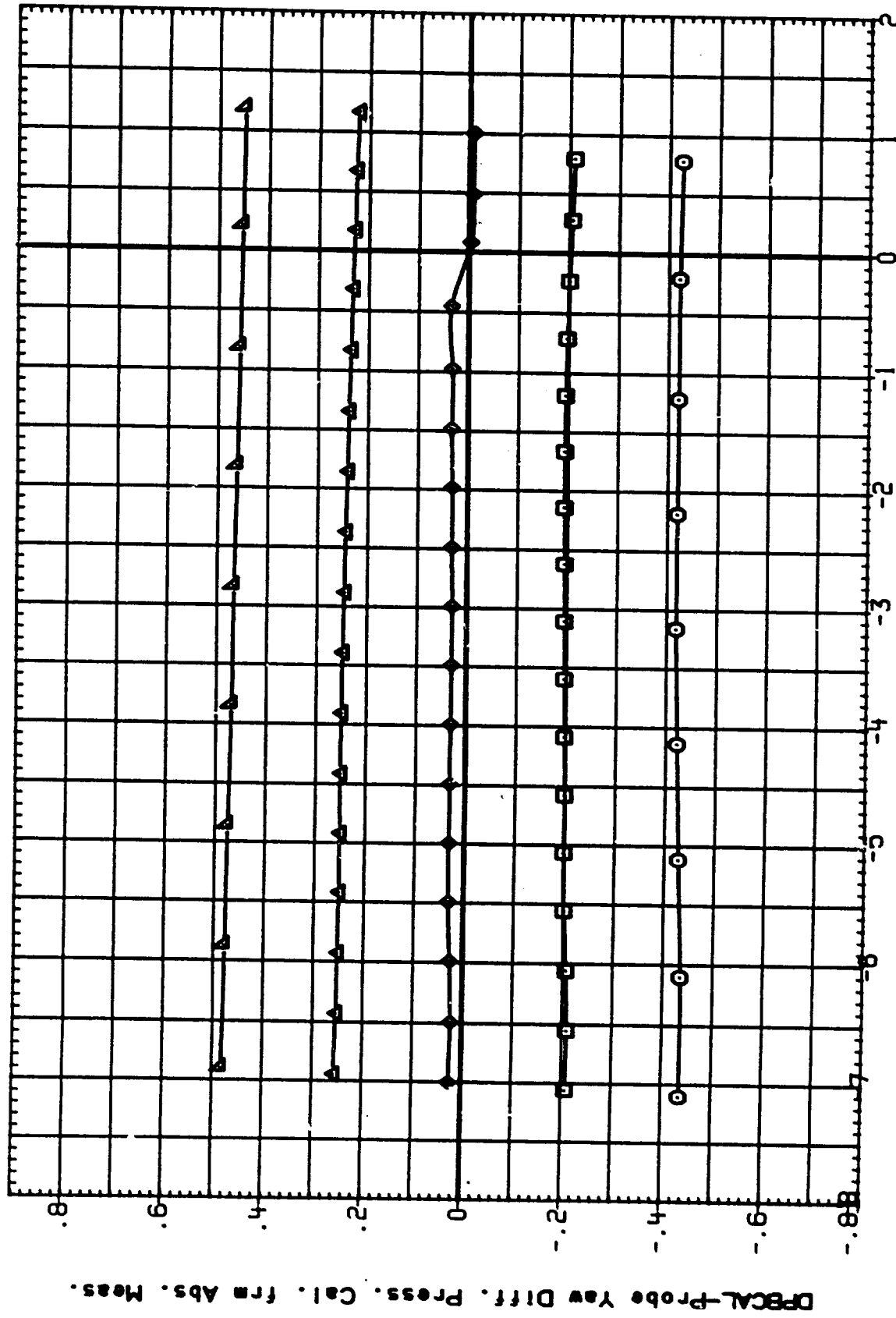


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

(B) MACH = .80

DATA SET SYMBOL
 UCH042
 UCH045
 UCH048
 UCH053
 UCH056

CONFIGURATION
 IA310 (AEDC 18TF-783) PROBE CALIBRATION
 IA310 (AEDC 16TF-783) PROBE CALIBRATION
 IA310 (AEDC 18TF-783) PROBE CALIBRATION
 IA310 (AEDC 16TF-783) PROBE CALIBRATION

BETA PHI
 -4.000 180.000
 -2.000 180.000
 .000 180.000
 2.000 180.000
 4.000 180.000

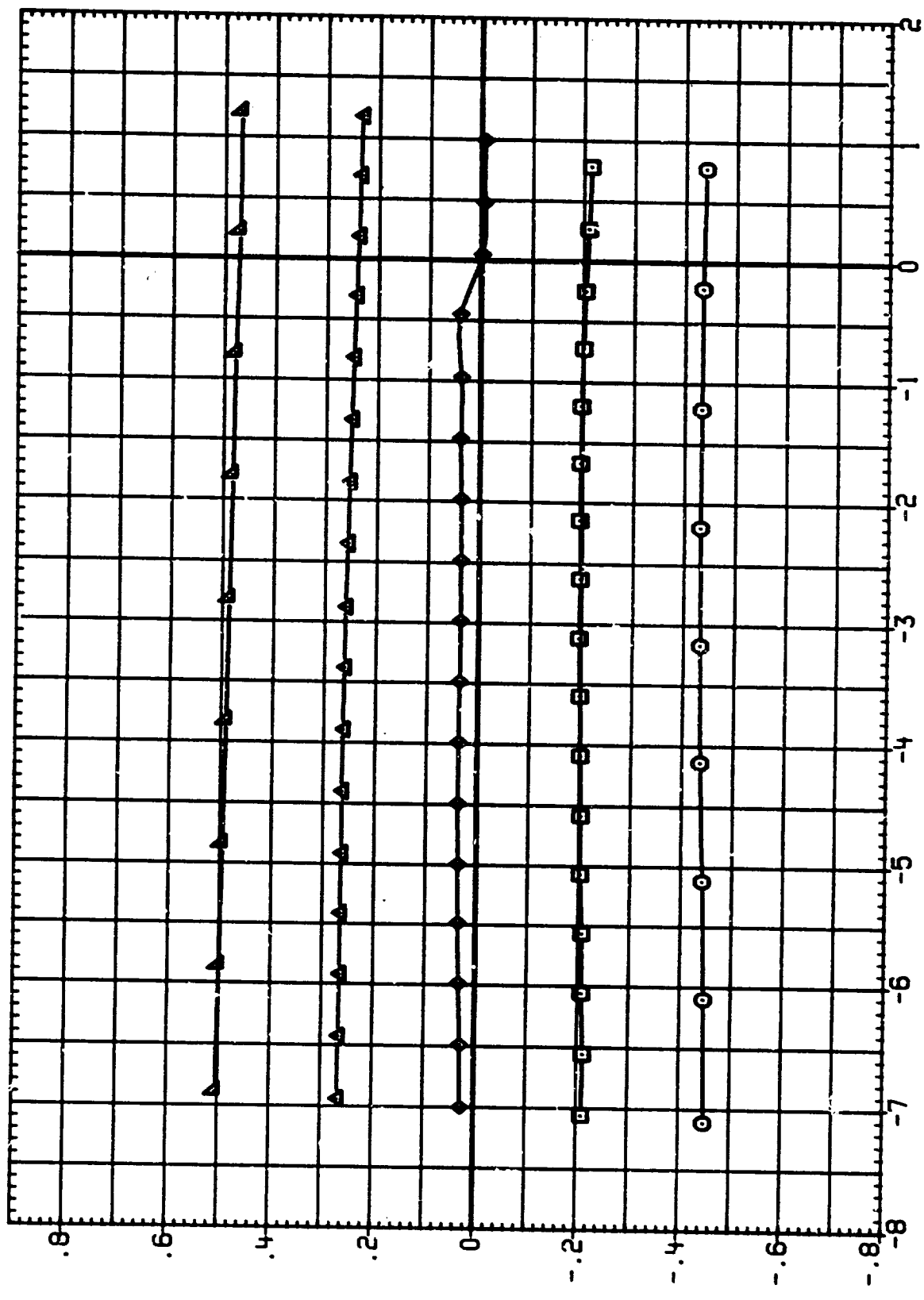


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

(C)MACH = .90

DATE 22 OCT 91

DATA 2.1 SYRDL

UCH042
UCH045
UCH049
UCH053
UCH056

IA310 (AEDC 18TF-783) PROBE CALIBRATION
IA310 (AEDC 16TF-783) PROBE CALIBRATION
IA310 (AEDC 16TF-783) PROBE CALIBRATION
IA310 (AEDC 16TF-783) PROBE CALIBRATION

BETA PHI
-4.000 180.000
-2.000 180.000
2.000 180.000
4.000 180.000

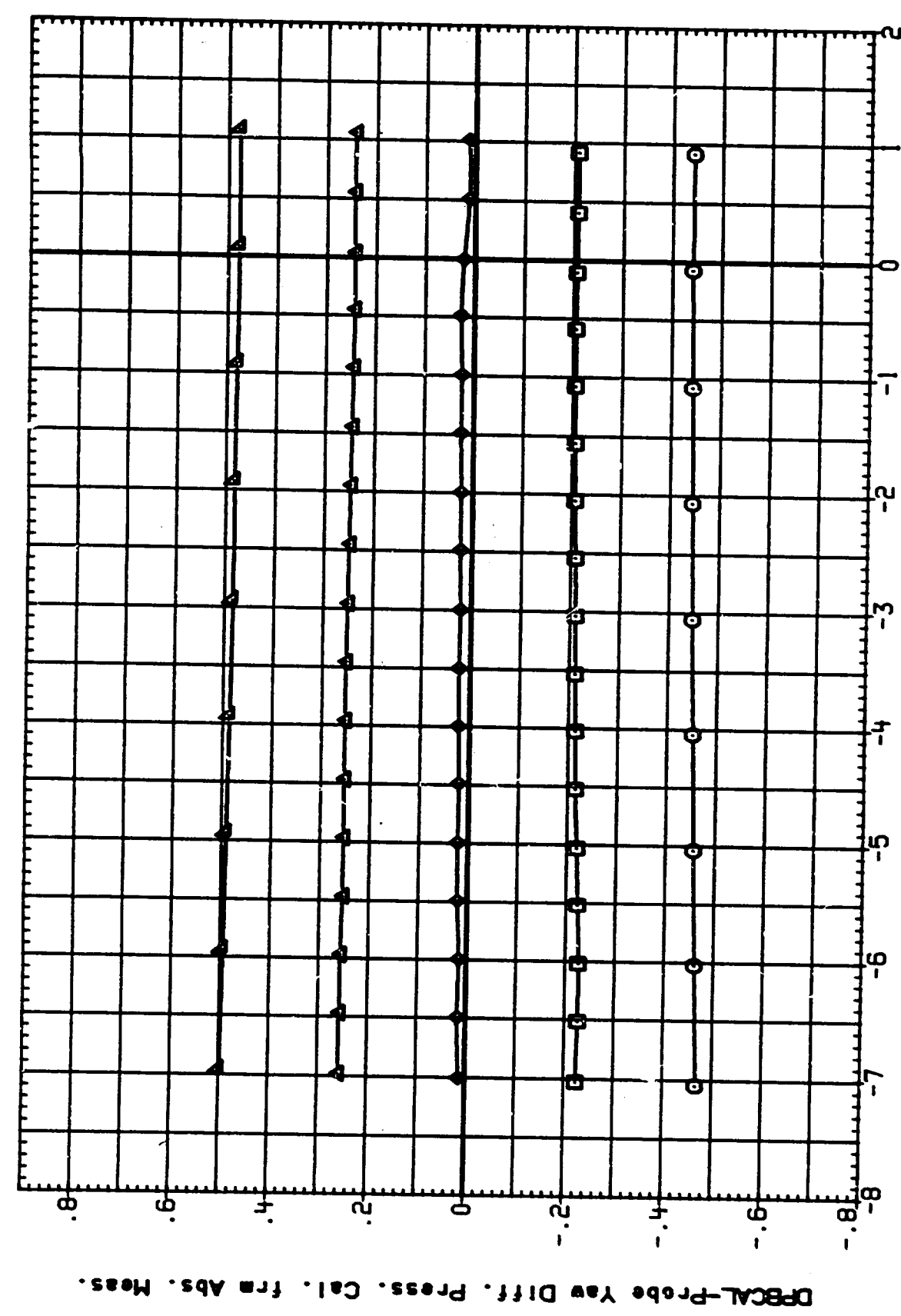


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

(D)MACH = 1.10

DATE 22 OCT 91

DATA SET SYMBOL	CONFIGURATION	BETA	PHI
UCH042	IA310 (AEDC 18TF-783) PROBE CALIBRATION	-4.000	180.000
UCH045	IA310 (AEDC 18TF-783) PROBE CALIBRATION	-2.000	180.000
UCH054	IA310 (AEDC 18TF-783) PROBE CALIBRATION	2.000	180.000
UCH053	IA310 (AEDC 18TF-783) PROBE CALIBRATION	4.000	180.000

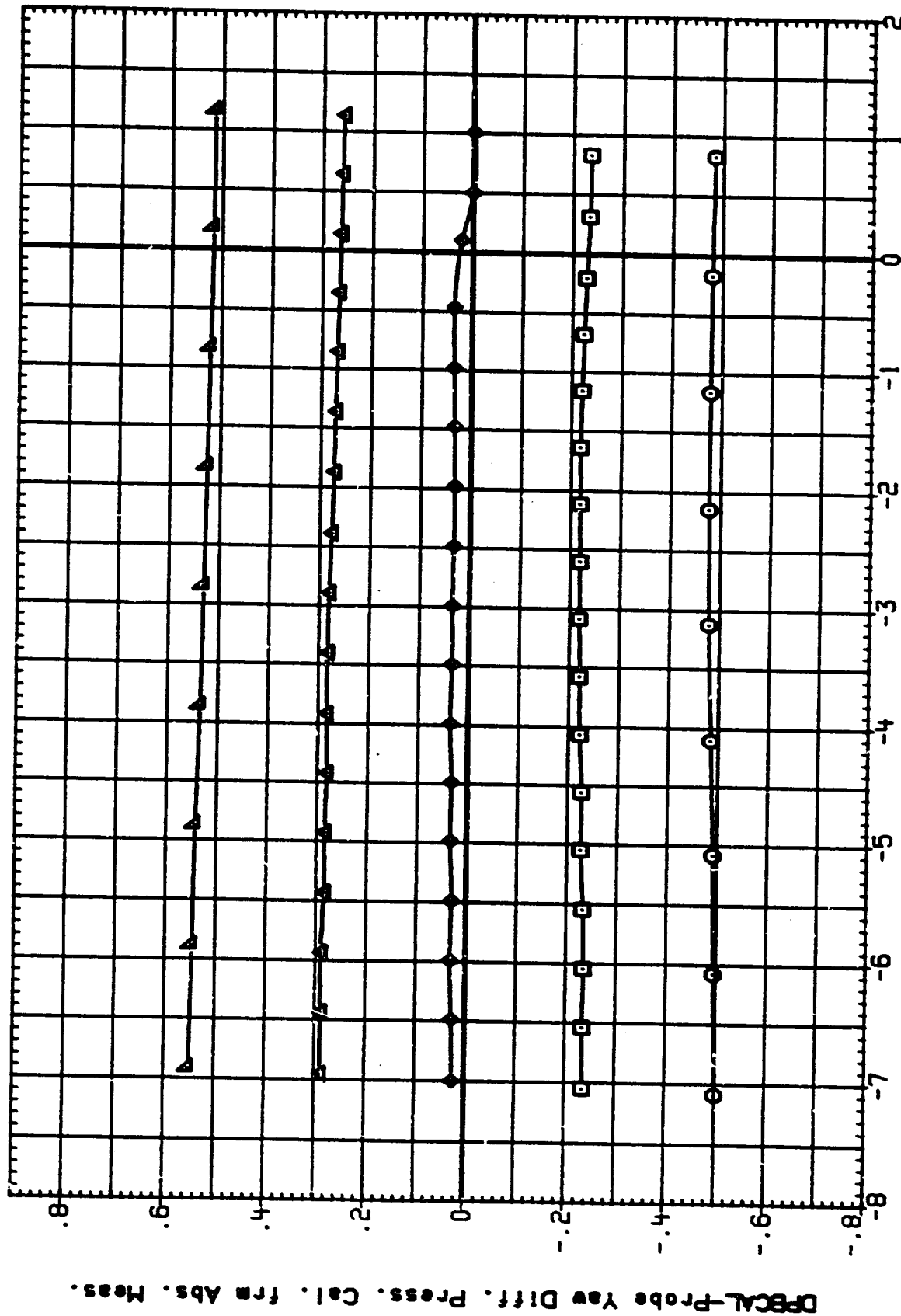


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

(E)MACH = 1.25

DATE 22 OCT 91

DATA SET SYMBOL	CONFIGURATION	BETA	PHI
UCH042	IA310 (AEDC 181F-783) PROBE CALIBRATION	-4.000	180.000
UCH045	IA310 (AEDC 181F-783) PROBE CALIBRATION	-2.000	180.000
UCH049	IA310 (AEDC 181F-783) PROBE CALIBRATION	2.000	180.000
UCH053	IA310 (AEDC 181F-783) PROBE CALIBRATION	4.000	180.000
UCH056	IA310 (AEDC 181F-783) PROBE CALIBRATION		

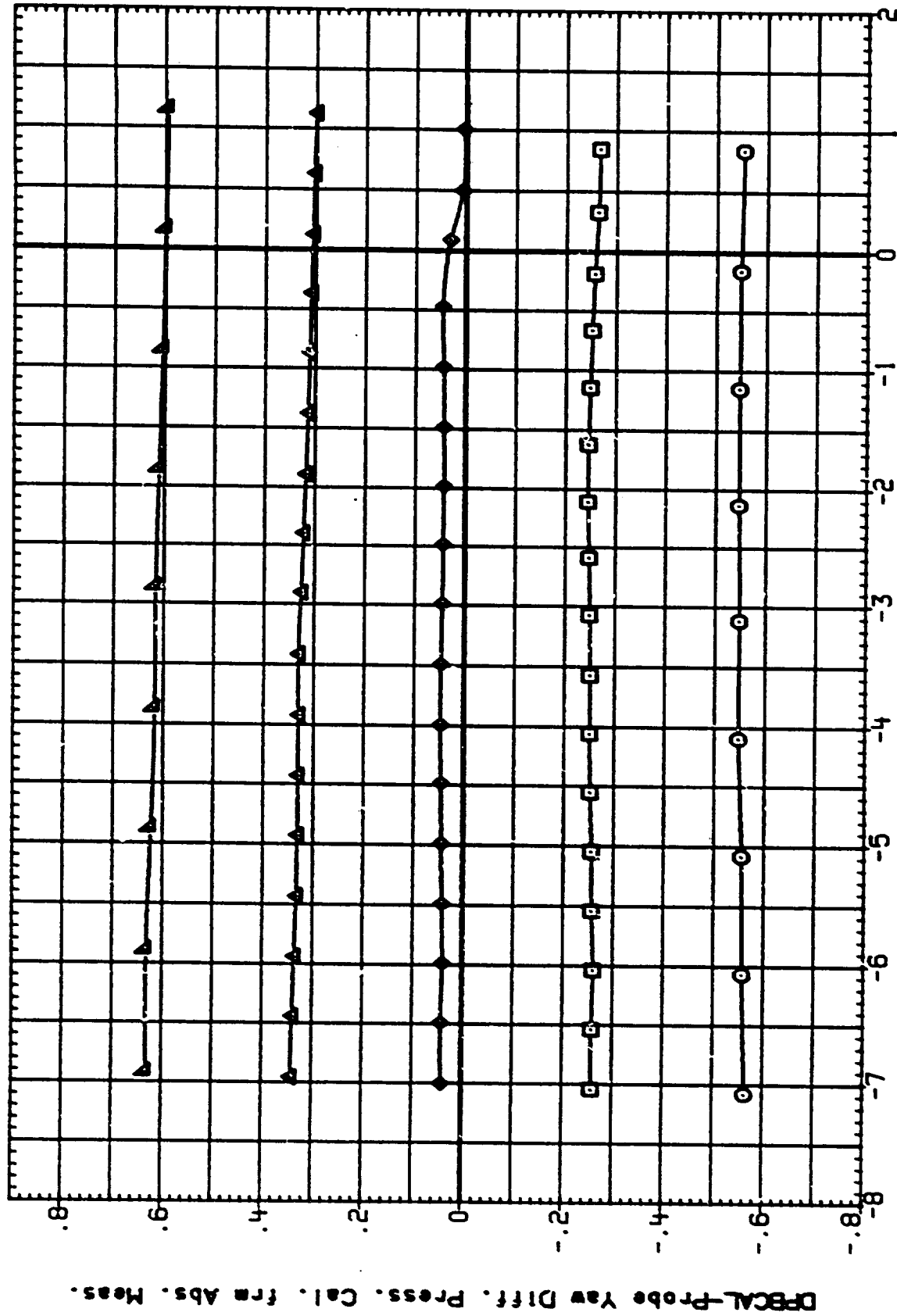


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

(F)MACH = 1.40

DATE 22 OCT 91

DATA SET SYMBOL

UCH042
UCH045
UCH049
UCH053
UCH056

CONFIGURATION

IA310 (AEDC 161F-783) PROBE CALIBRATION
IA310 (AEDC 161F-783) PROBE CALIBRATION
IA310 (AEDC 161F-783) PROBE CALIBRATION
IA310 (AEDC 161F-783) PROBE CALIBRATION
IA310 (AEDC 161F-783) PROBE CALIBRATION

BETA PHI
-4.000 180.000
-2.000 180.000
2.000 180.000
4.000 180.000

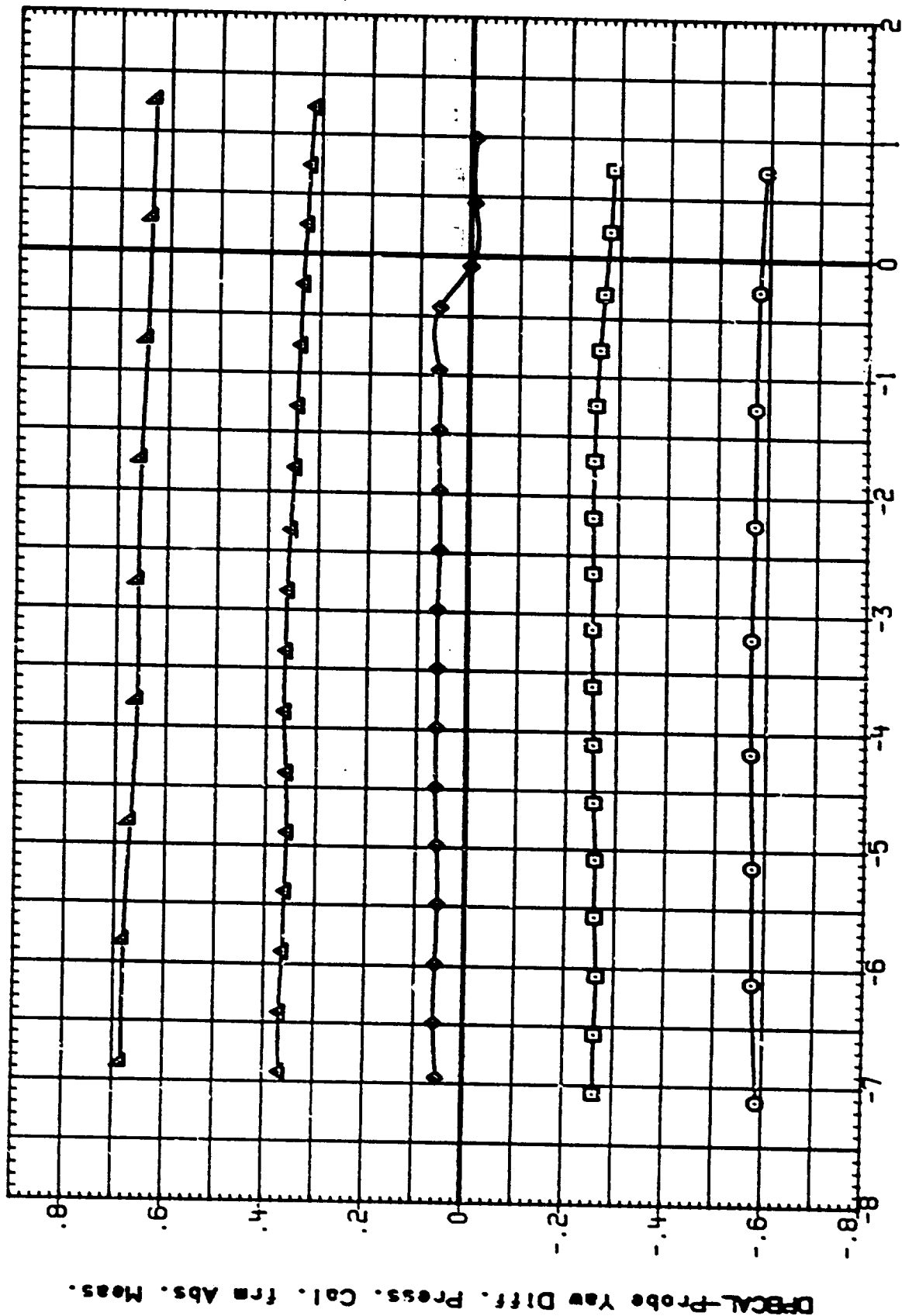


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

(G)MACH = 1.45

DATE 22 OCT 91

DATA SET SYMBOL	CONFIGURATION	BETA	PHI
UCH042	IA310 (AEDC 161F-783) PROBE CALIBRATION	-4.000	180.000
UCH045	IA310 (AEDC 161F-783) PROBE CALIBRATION	-2.000	180.000
UCH049	IA310 (AEDC 161F-783) PROBE CALIBRATION	.000	180.000
UCH053	IA310 (AEDC 161F-783) PROBE CALIBRATION	2.000	180.000
UCH056	IA310 (AEDC 161F-783) PROBE CALIBRATION	4.000	180.000

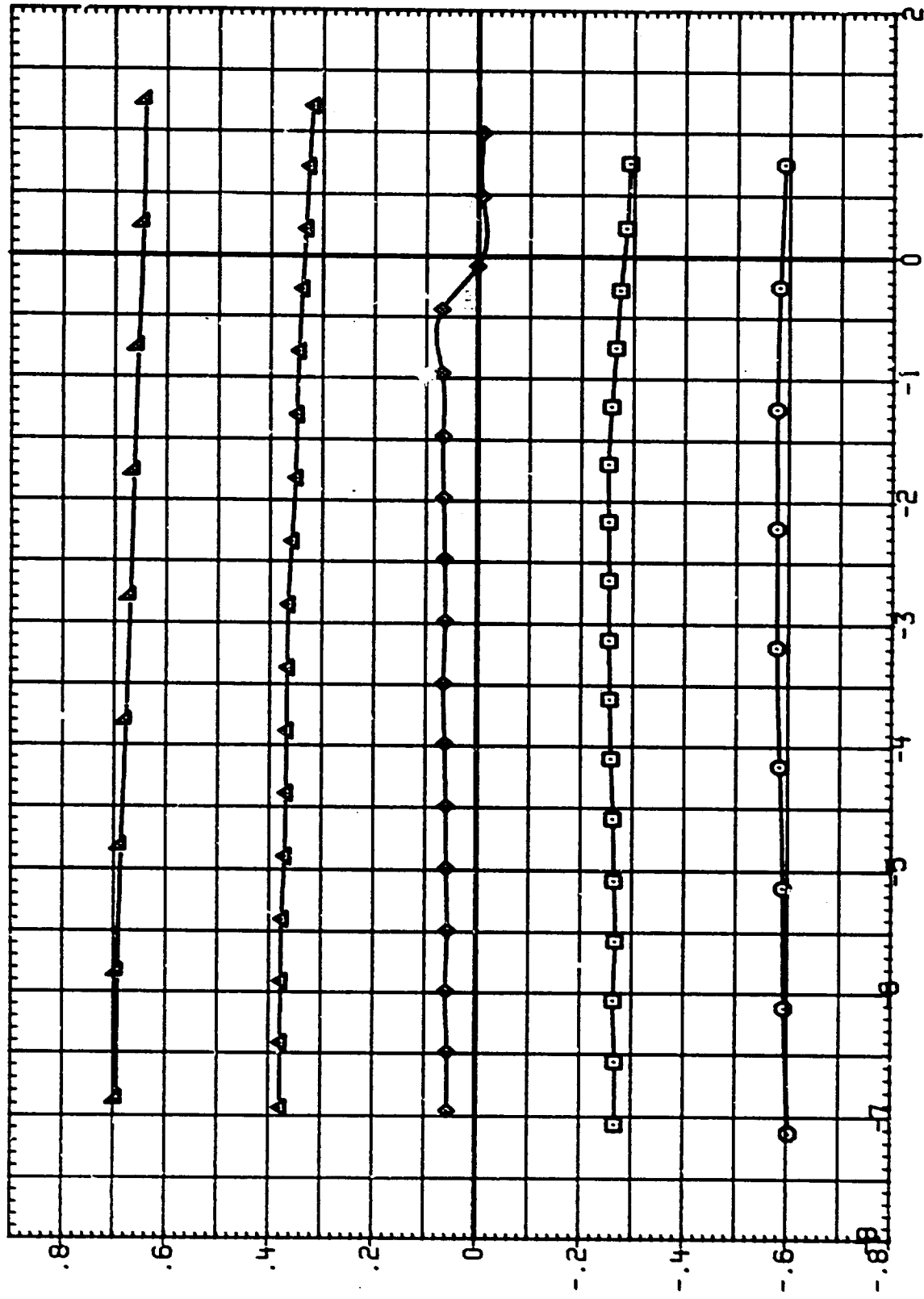


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

(H) MACH = 1.47

DATE 22 OCT 91

DATA SET SYMBOL

UCH042
UCH045
UCH049
UCH053
UCH058

CONFIGURATION

IA310 (AEDC 16TF-783) PROBE CALIBRATION
IA310 (AEDC 16TF-783) PROBE CALIBRATION
IA310 (AEDC 16TF-783) PROBE CALIBRATION
IA310 (AEDC 16TF-783) PROBE CALIBRATION
IA310 (AEDC 16TF-783) PROBE CALIBRATION

BETA PHI
-4.000 180.000
-2.000 180.000
.000 180.000
2.000 180.000
4.000 180.000

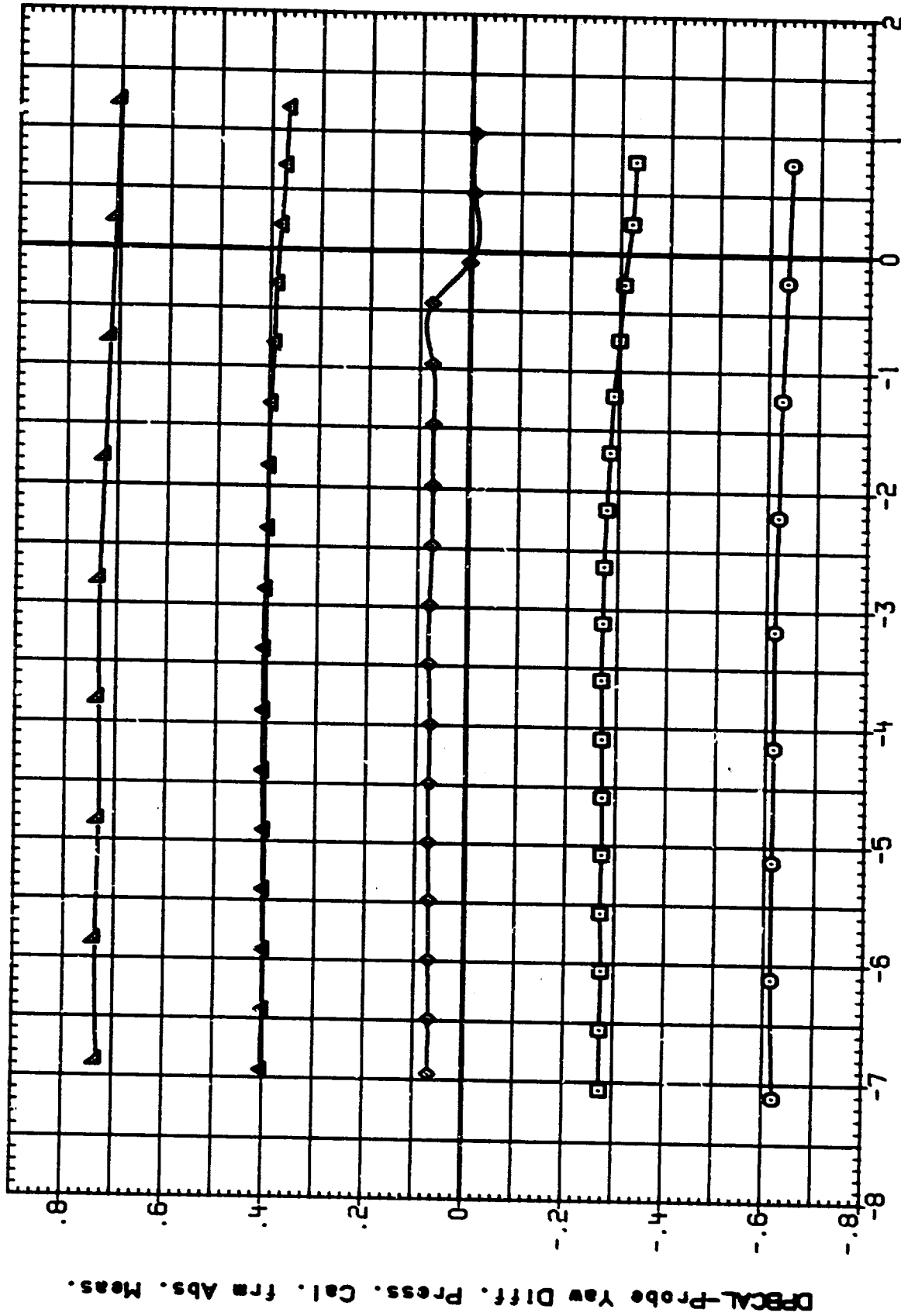


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

(1) MACH = 1.49

DATE 22 OCT 91

DATA SET SYMBOL

UCH042
UCH045
UCH048
UCH053
UCH056

CONFIGURATION

IA310 (AEDC 161F-783) PROBE CALIBRATION
IA310 (AEDC 161F-783) PROBE CALIBRATION
IA310 (AEDC 161F-783) PROBE CALIBRATION
IA310 (AEDC 161F-783) PROBE CALIBRATION
IA310 (AEDC 161F-783) PROBE CALIBRATION

BETA PHI

-4.000 180.000
-2.000 180.000
.000 180.000
2.000 180.000
4.000 180.000

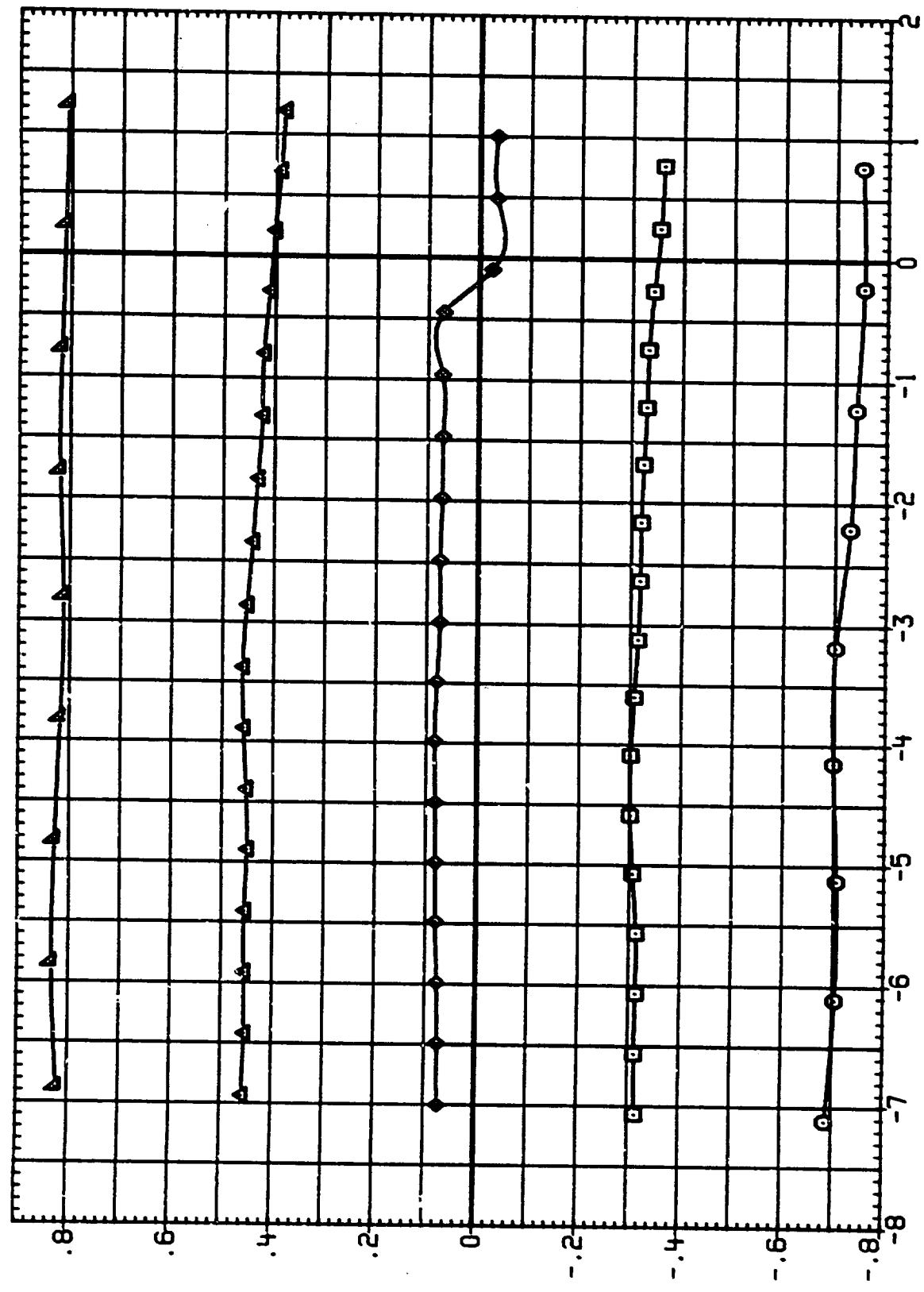


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

(J)MACH = 1.52

DATE 22 OCT 91

DATA SET SYMBOL	CONFIGURATION	BETA	PHI
UCH042	IA310 (AEDC 18TF-783) PROBE CALIBRATION	-4.000	180.000
UCH043	IA310 (AEDC 18TF-783) PROBE CALIBRATION	-2.000	180.000
UCH049	IA310 (AEDC 18TF-783) PROBE CALIBRATION	2.000	180.000
UCH053	IA310 (AEDC 18TF-783) PROBE CALIBRATION	4.000	180.000
UCH056	IA310 (AEDC 18TF-783) PROBE CALIBRATION		

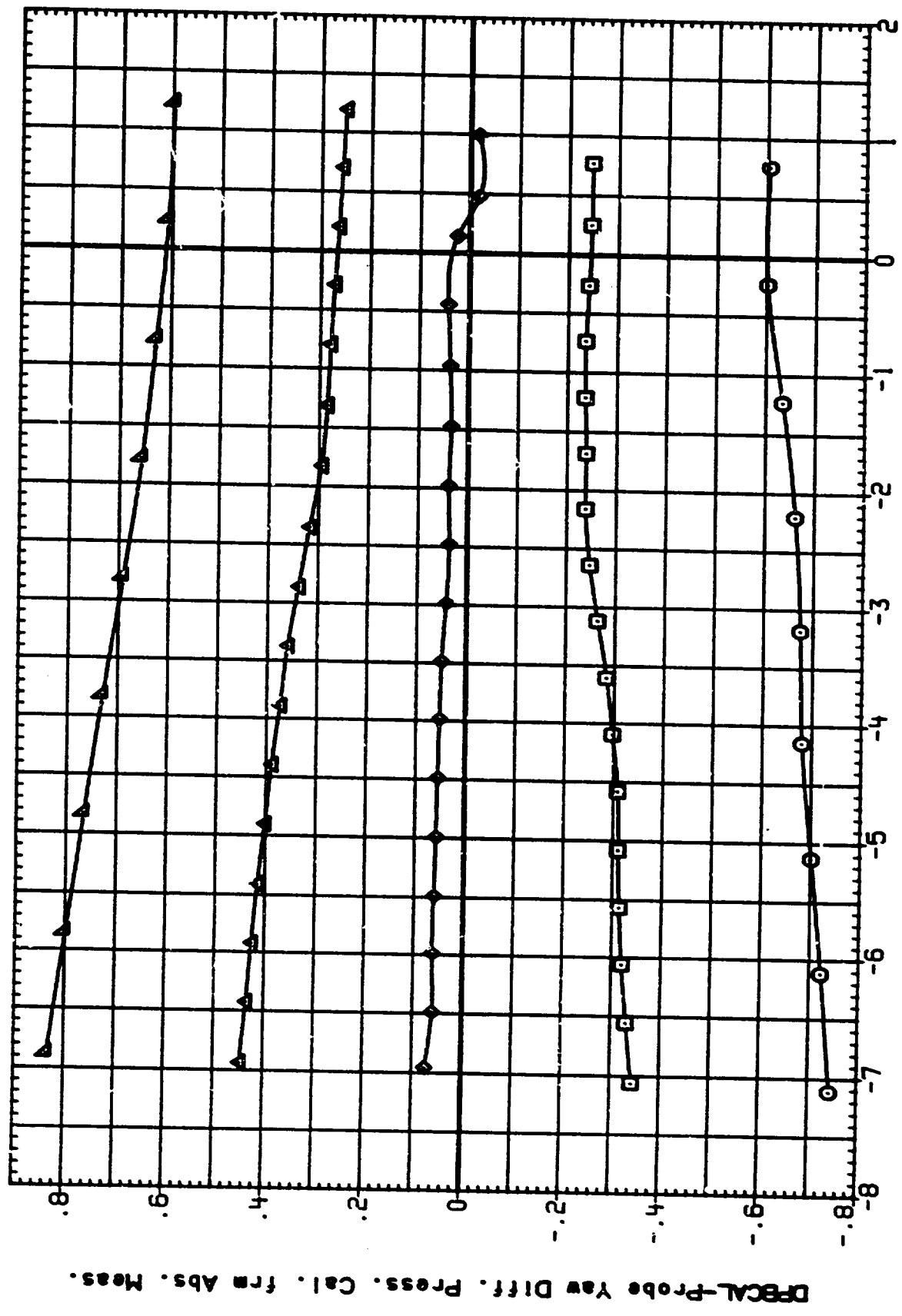


FIG. 1 AADS PROBE CALIBRATION - TEST SERIES 4

(K) MACH = 1.54

DATE 22 OCT 91

DATA SET SYMBOL	CONFIGURATION	BETA	PHI
RCH142	IA310 (AEDC 16TF-783) PROBE CALIBRATION	-4.000	180.000
RCH145	IA310 (AEDC 16TF-783) PROBE CALIBRATION	-2.000	180.000
RCH149	IA310 (AEDC 16TF-783) PROBE CALIBRATION	.000	180.000
RCH153	IA310 (AEDC 16TF-783) PROBE CALIBRATION	2.000	180.000
RCH156	IA310 (AEDC 16TF-783) PROBE CALIBRATION	4.000	180.000

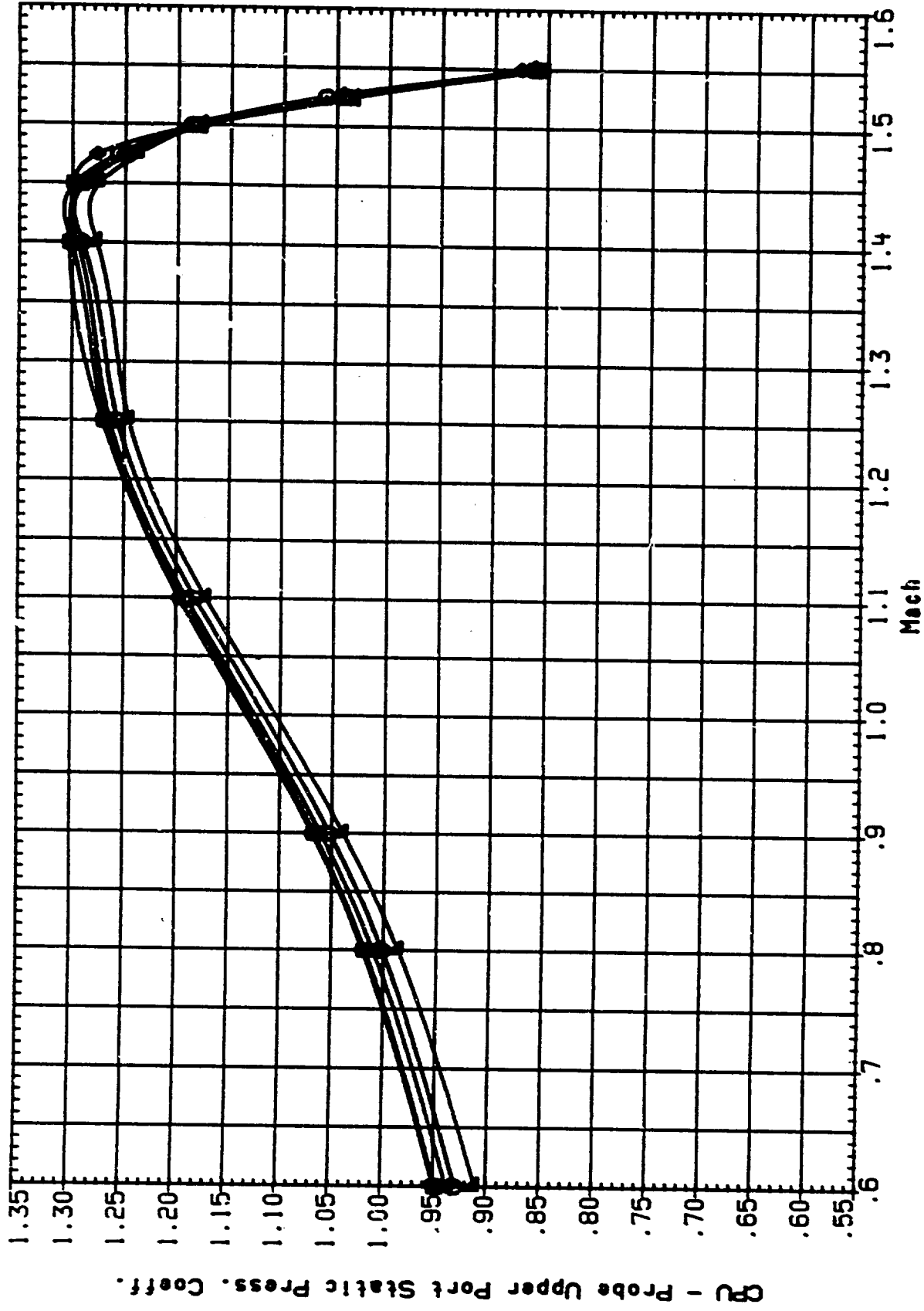


FIG. 2 AADS PROBE CALIBRATION - TEST SERIES 4 - MACH EFFECTS

(A) ALPHA = -6.00

DATE 22 OCT 91

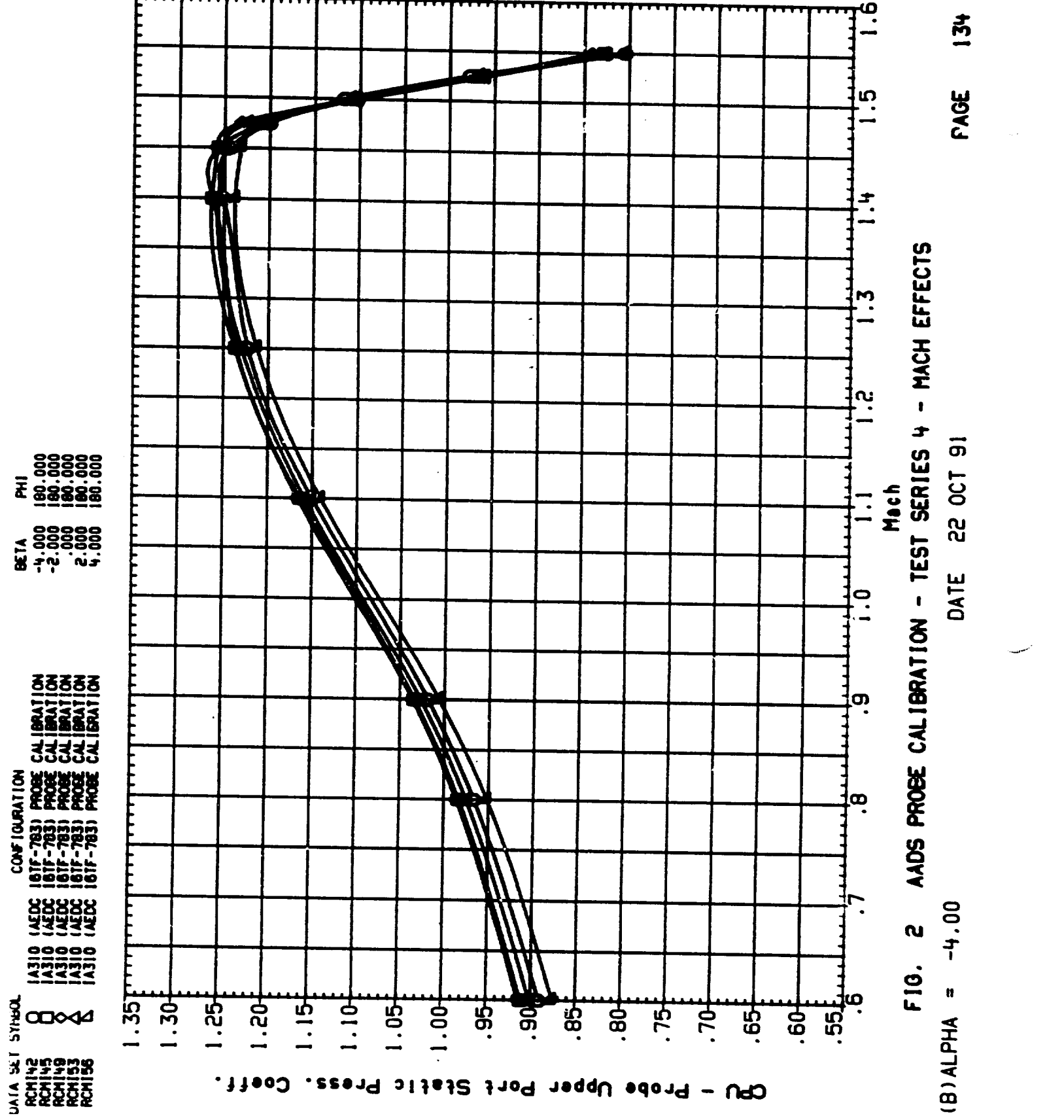


FIG. 2 AADS PROBE CALIBRATION - TEST SERIES 4 - MACH EFFECTS

(B) ALPHA = -4.00

DATE 22 OCT 91

DATA SET SYMBOL
 RCH142
 RCH145
 RCH149
 RCH153
 RCH155

CONFIGURATION
 1A310 (AEDC 181F-783) PROBE CALIBRATION
 1A310 (AEDC 181F-783) PROBE CALIBRATION
 1A310 (AEDC 181F-783) PROBE CALIBRATION
 1A310 (AEDC 181F-783) PROBE CALIBRATION

BETA PHI
 -4.000 180.000
 -2.000 180.000
 2.000 180.000
 4.000 180.000

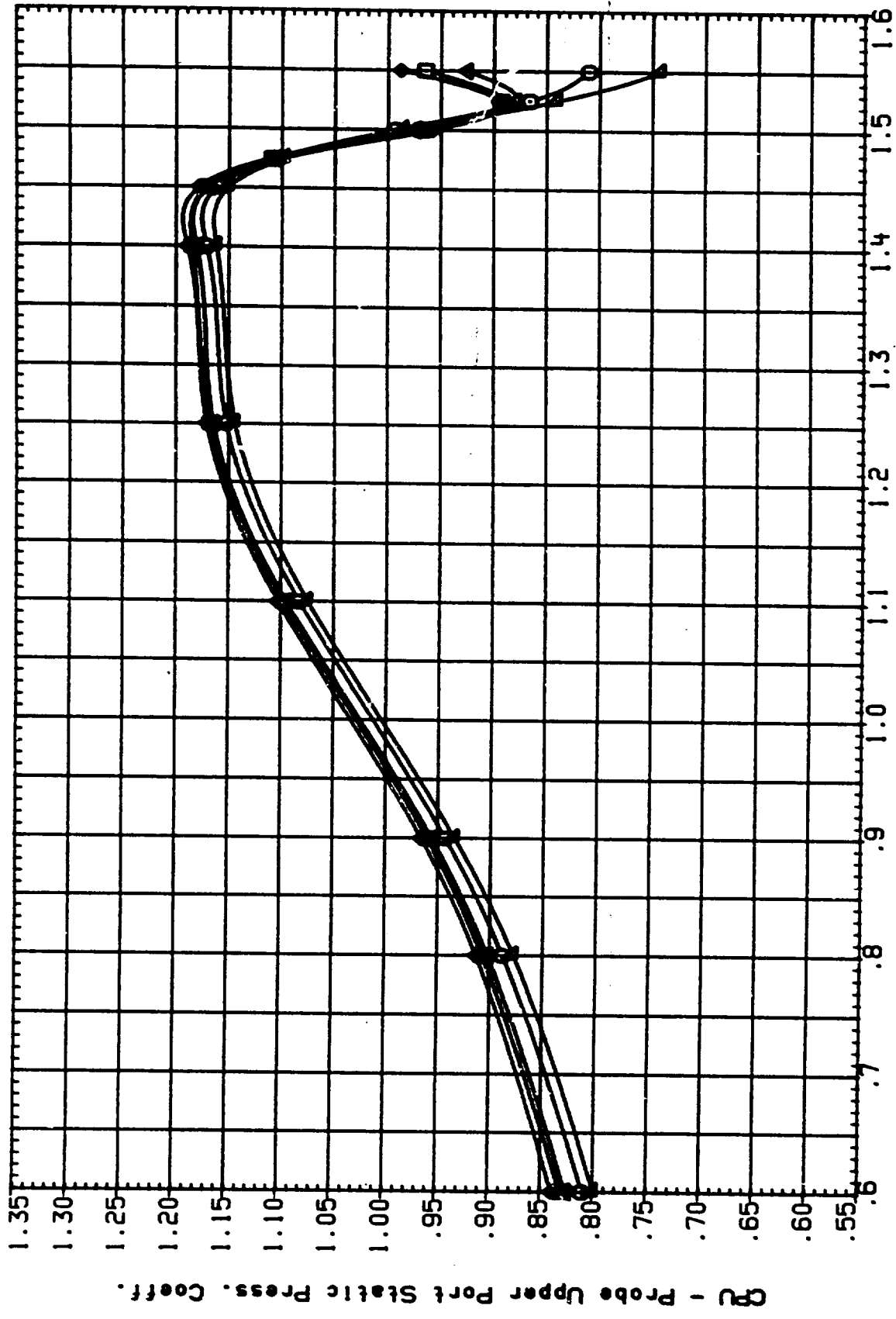


FIG. 2 AADS PROBE CALIBRATION - TEST SERIES 4 - MACH EFFECTS

(C) ALPHA = .00

DATE 22 OCT 91

DATA SET SYMBOL	CONFIGURATION	BETA	PHI
RCH142	IA310 (AEDC 161F-783) PROBE CALIBRATION	-4.000	180.000
RCH143	IA310 (AEDC 161F-783) PROBE CALIBRATION	-2.000	180.000
RCH149	IA310 (AEDC 161F-783) PROBE CALIBRATION	.000	180.000
RCH153	IA310 (AEDC 161F-783) PROBE CALIBRATION	2.000	180.000
RCH156	IA310 (AEDC 161F-783) PROBE CALIBRATION	4.000	180.000

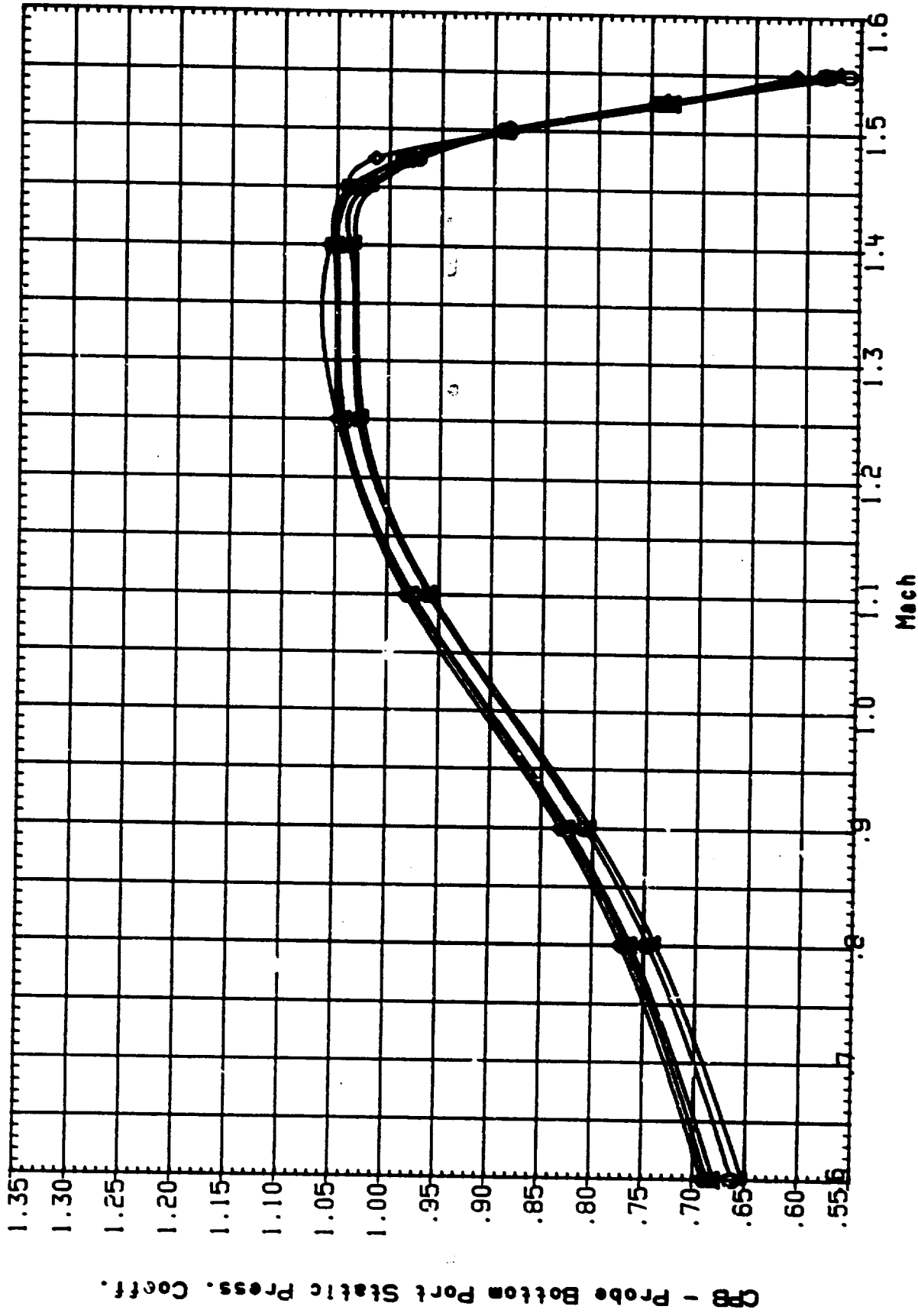


FIG. 2 AADS PROBE CALIBRATION - TEST SERIES 4 - MACH EFFECTS

(A) ALPHA = -6.00

DATE 22 OCT 91

DATA SET SYMBOL	CONFIGURATION	BETA	PHI
RCM142	IA310 (AEDC 16TF-783) PROBE CALIBRATION	-4.000	180.000
RCM145	IA310 (AEDC 16TF-783) PROBE CALIBRATION	-2.000	180.000
RCM149	IA310 (AEDC 16TF-783) PROBE CALIBRATION	2.000	180.000
RCM153	IA310 (AEDC 16TF-783) PROBE CALIBRATION	4.000	180.000
RCM156	IA310 (AEDC 16TF-783) PROBE CALIBRATION		

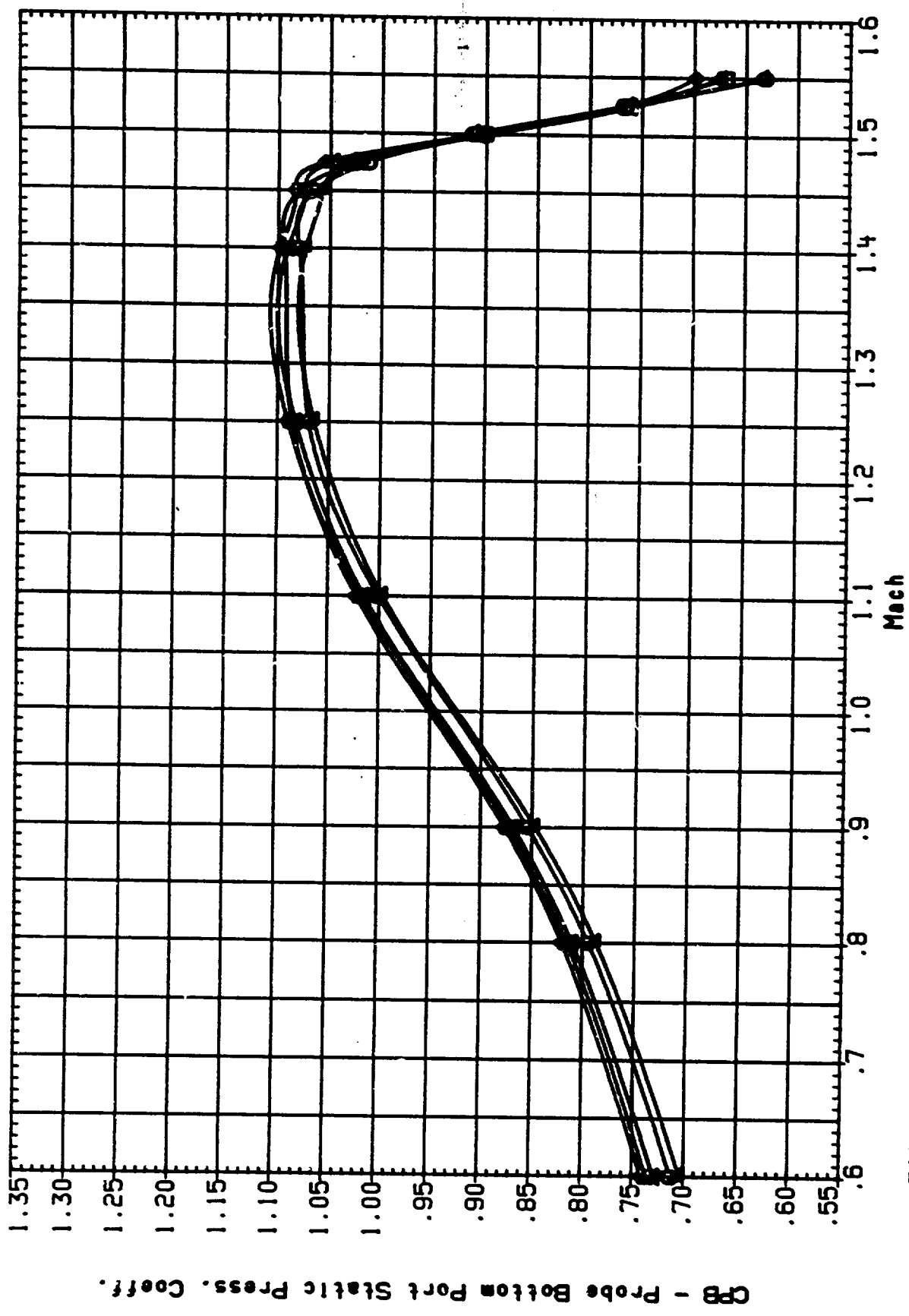


FIG. 2 AADS PROBE CALIBRATION - TEST SERIES 4 - MACH EFFECTS

DATA SET SYMBOL	CONFIGURATION	BETA	PHI
RCH142	IA310 (AEDC 16TF-783) PROBE CALIBRATION	-4.000	180.000
RCH145	IA310 (AEDC 16TF-783) PROBE CALIBRATION	-2.000	180.000
RCH149	IA310 (AEDC 16TF-783) PROBE CALIBRATION	.000	180.000
RCH153	IA310 (AEDC 16TF-783) PROBE CALIBRATION	2.000	180.000
RCH155	IA310 (AEDC 16TF-783) PROBE CALIBRATION	4.000	180.000

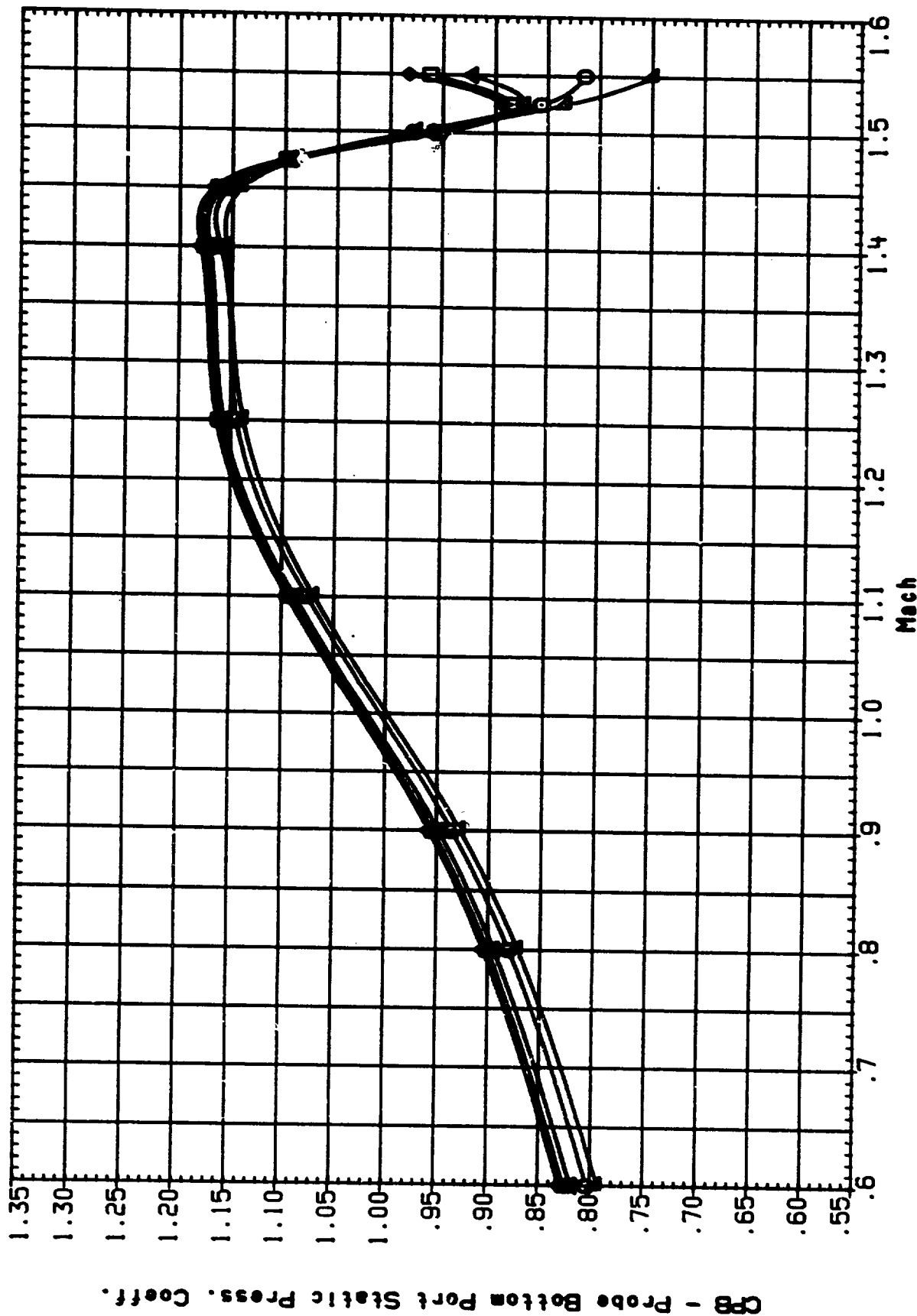


FIG. 2 AADS PROBE CALIBRATION - TEST SERIES 4 - MACH EFFECTS

(C) ALPHA = .00

DATE 22 OCT 91

DATA SET SYMBOL	CONF (URATION	BETA	PHI
SCH142	IA310 (AEDC 18TF-783) PROBE CALIBRATION	-4.000	180.000
SCH143	IA310 (AEDC 18TF-783) PROBE CALIBRATION	-2.000	180.000
SCH148	IA310 (AEDC 18TF-783) PROBE CALIBRATION	.000	180.000
SCH153	IA310 (AEDC 18TF-783) PROBE CALIBRATION	2.000	180.000
SCH156	IA310 (AEDC 18TF-783) PROBE CALIBRATION	4.000	180.000

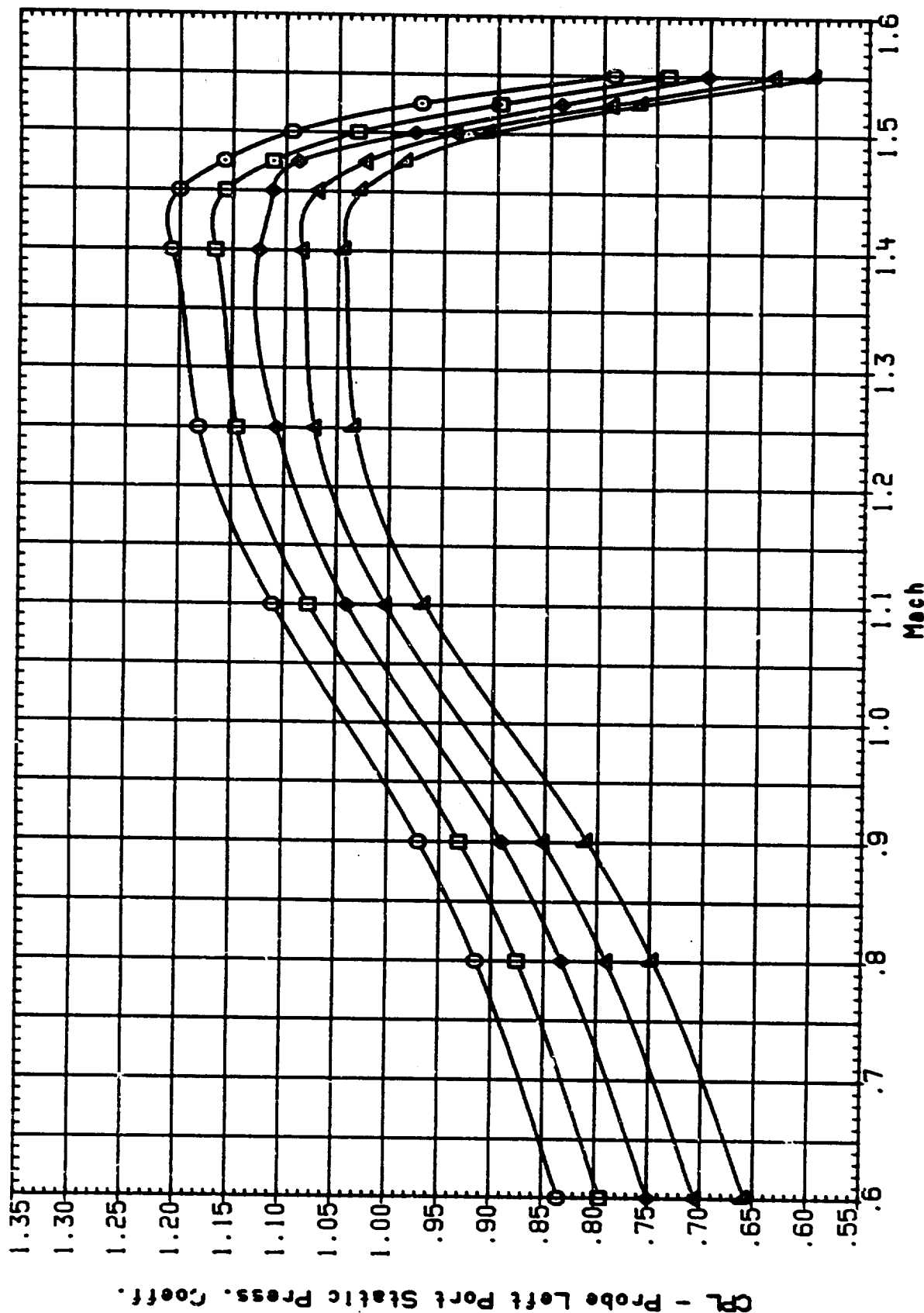


FIG. 2 AADS PROBE CALIBRATION - TEST SERIES 4 - MACH EFFECTS

(A) ALPHA = -6.00

DATE 22 OCT 91

DATA SET SYMBOL	CONFIGURATION	BETA	PHI
SCH142	IA310 (AEDC 161F-783) PROBE CALIBRATION	-4.000	180.000
SCH143	IA310 (AEDC 161F-783) PROBE CALIBRATION	-2.000	180.000
SCH148	IA310 (AEDC 161F-783) PROBE CALIBRATION	.000	180.000
SCH153	IA310 (AEDC 161F-783) PROBE CALIBRATION	2.000	180.000
SCH156	IA310 (AEDC 161F-783) PROBE CALIBRATION	4.000	180.000

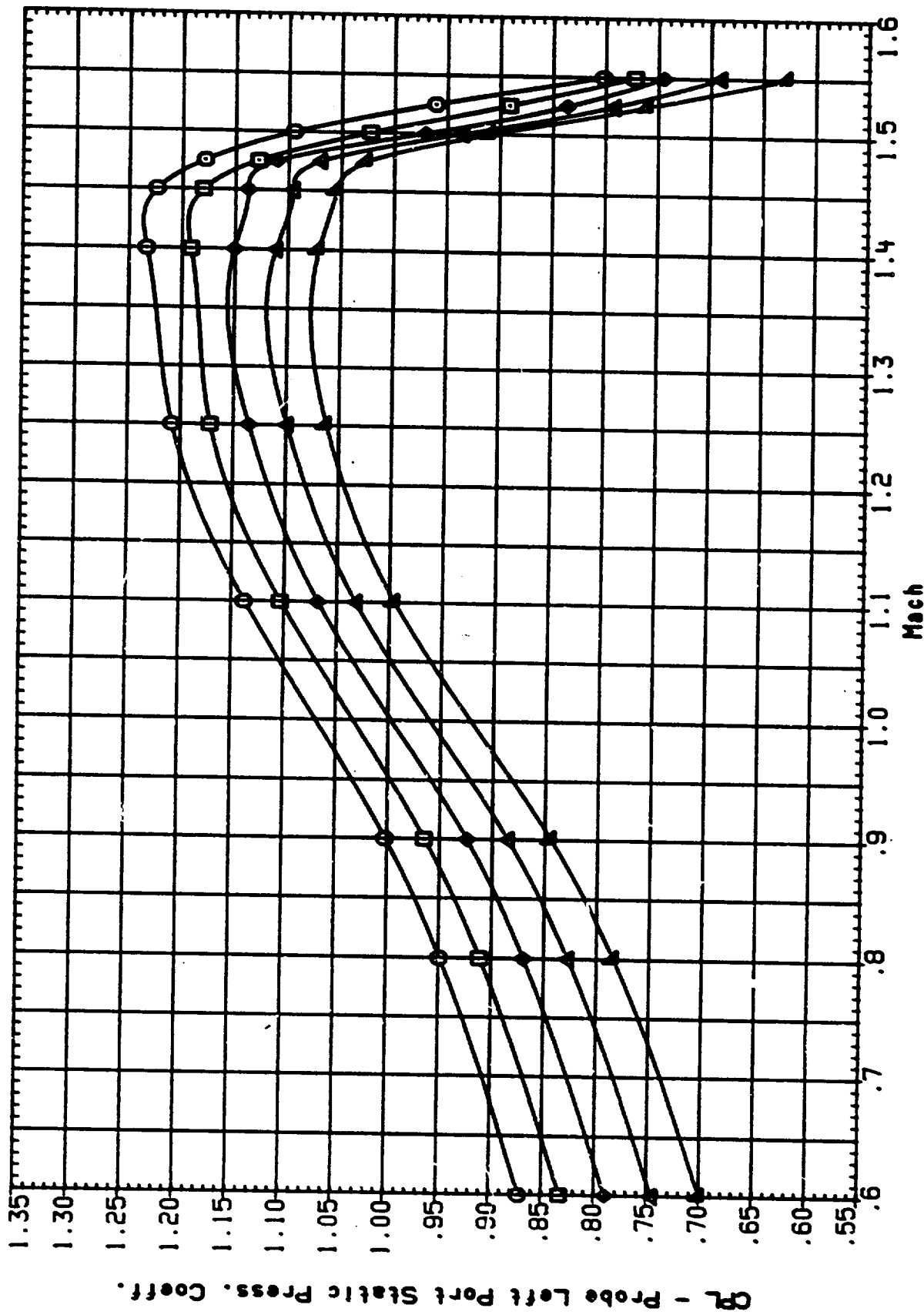


FIG. 2 AADS PROBE CALIBRATION - TEST SERIES 4 - MACH EFFECTS

(B) ALPHA = -4.00

DATE 22 OCT 91

C.3

DATA SET	SYMBOL	CONFIGURATION	BETA	PHI
SCH142	□	IA310 (AEDC 16TF-783) PROBE CALIBRATION	-4.000	180.000
SCH143	◇	IA310 (AEDC 16TF-783) PROBE CALIBRATION	-2.000	180.000
SCH149	△	IA310 (AEDC 16TF-783) PROBE CALIBRATION	2.000	180.000
SCH153	●	IA310 (AEDC 16TF-783) PROBE CALIBRATION	4.000	180.000

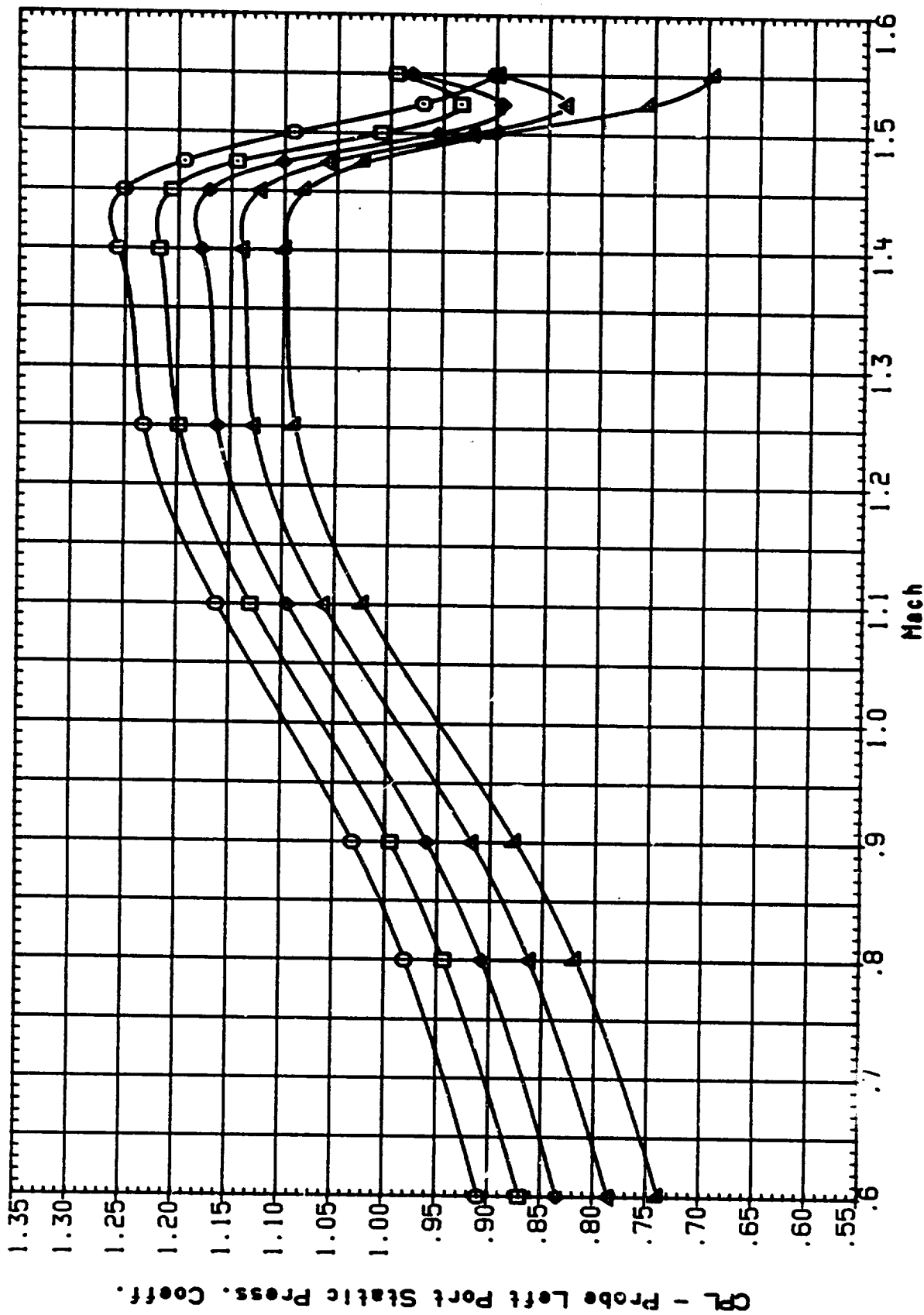


FIG. 2 AADS PROBE CALIBRATION - TEST SERIES 4 - MACH EFFECTS

(C) ALPHA = .00

DATE 22 OCT 91

DATA SET SYMBOL	CONFIGURATION	BETA	PHI
SCH142	IA310 (AEDC 161F-783) PROBE CALIBRATION	-4.000	180.000
SCH145	IA310 (AEDC 161F-783) PROBE CALIBRATION	-2.000	180.000
SCH149	IA310 (AEDC 161F-783) PROBE CALIBRATION	.000	180.000
SCH153	IA310 (AEDC 161F-783) PROBE CALIBRATION	2.000	180.000
SCH156	IA310 (AEDC 161F-783) PROBE CALIBRATION	4.000	180.000

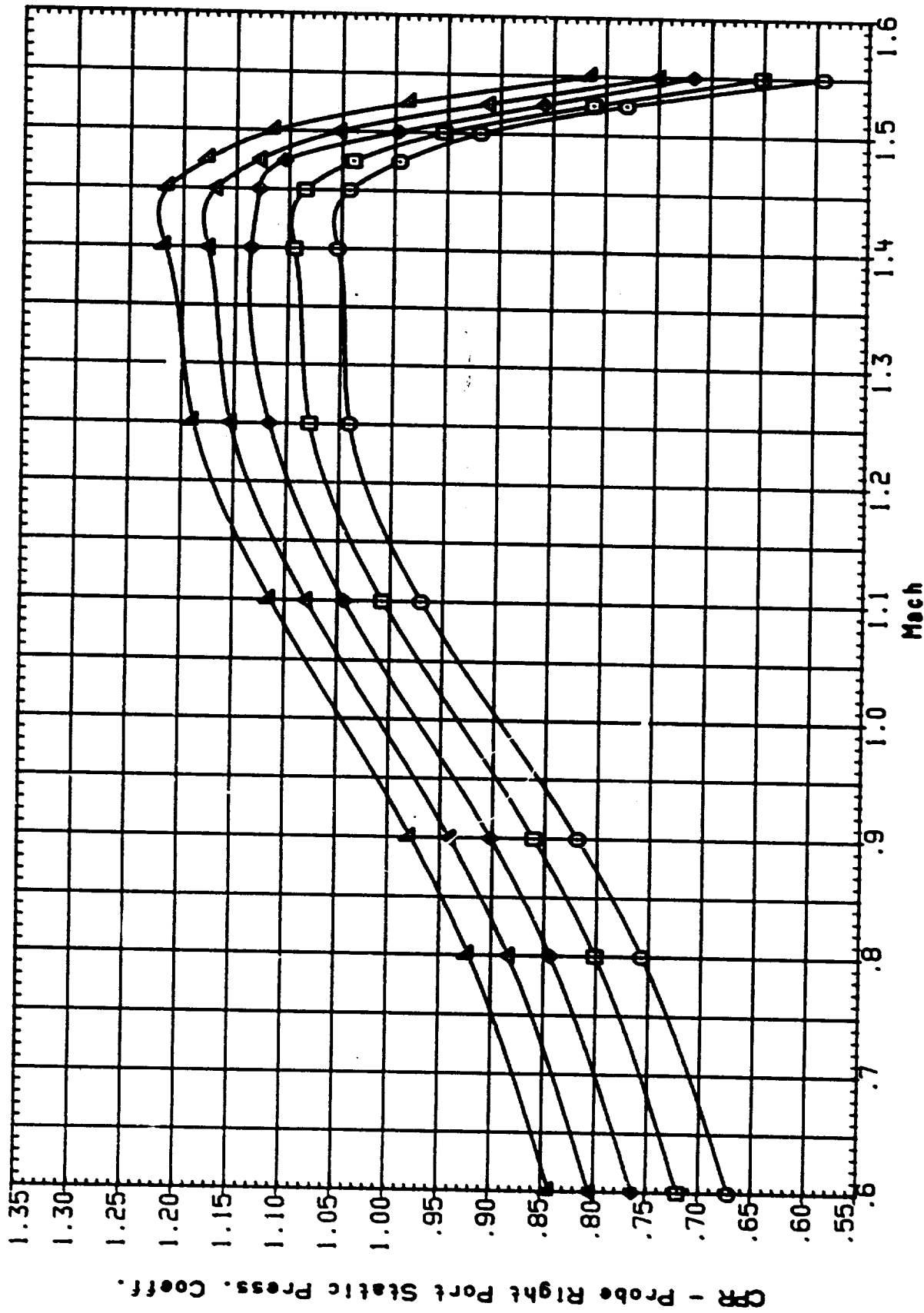


FIG. 2 AADS PROBE CALIBRATION - TEST SERIES 4 - MACH EFFECTS

(A) ALPHA = -6.00

DATE 22 OCT 91

DATA SET SYMBOL	CONFIGURATION	BETA	PHI
SCH142	IA310 (AEDC 16TF-783) PROBE CALIBRATION	-4.000	180.000
SCH143	IA310 (AEDC 16TF-783) PROBE CALIBRATION	-2.000	180.000
SCH149	IA310 (AEDC 16TF-783) PROBE CALIBRATION	.000	180.000
SCH153	IA310 (AEDC 16TF-783) PROBE CALIBRATION	2.000	180.000
SCH156	IA310 (AEDC 16TF-783) PROBE CALIBRATION	4.000	180.000

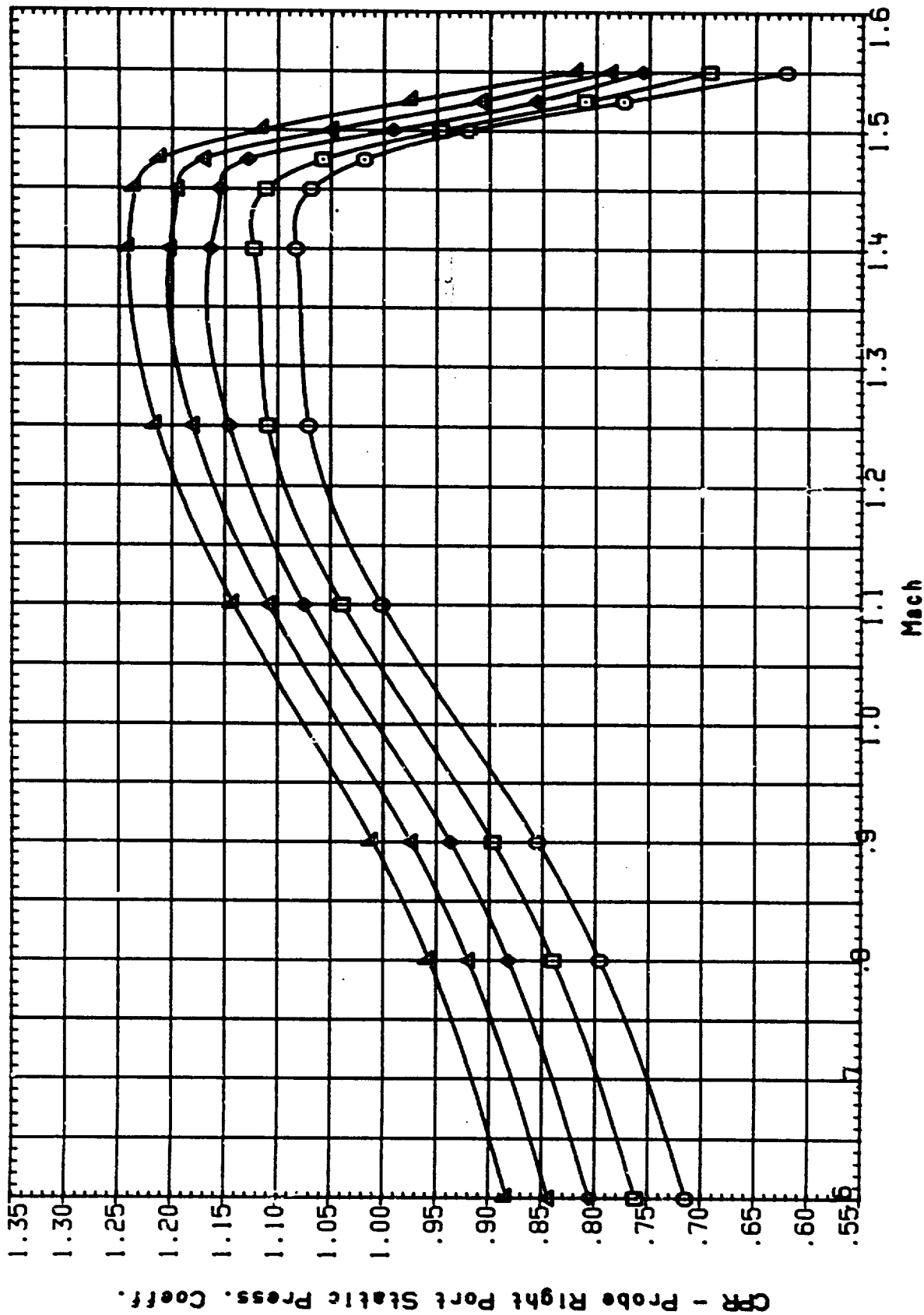


FIG. 2 AADS PROBE CALIBRATION - TEST SERIES 4 - MACH EFFECTS

(B) ALPHA = -4.00

DATE 22 OCT 91

PAGE 143

DATA SET SYMBOL	CONFIGURATION	BETA	PHI
SCH132	IA310 (AEDC 18TF-783) PROBE CALIBRATION	-4.000	180.000
SCH145	IA310 (AEDC 18TF-783) PROBE CALIBRATION	-2.000	180.000
SCH149	IA310 (AEDC 18TF-783) PROBE CALIBRATION	.000	180.000
SCH153	IA310 (AEDC 18TF-783) PROBE CALIBRATION	2.000	180.000
SCH156	IA310 (AEDC 18TF-783) PROBE CALIBRATION	4.000	180.000

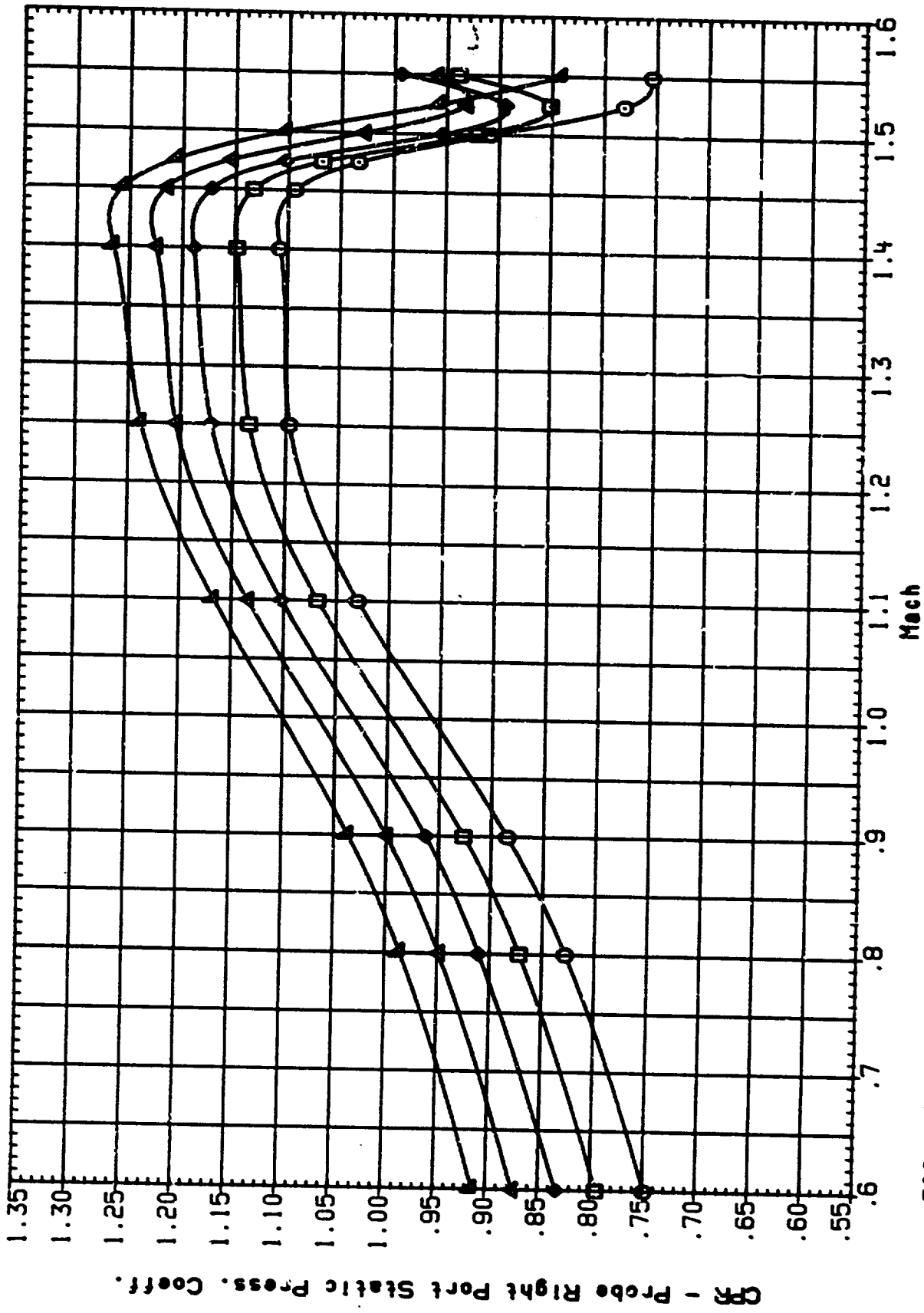


FIG. 2 AADS PROBE CALIBRATION - TEST SERIES 4 - MACH EFFECTS

(C) ALPHA = .00

DATE 22 OCT 91

DATA SET SYMBOL	CONFIGURATION	BETA	PHI
TCH142	IA310 (AEDC 16TF-783) PROBE CALIBRATION	-4.000	180.000
TCH145	IA310 (AEDC 16TF-783) PROBE CALIBRATION	-2.000	180.000
TCH148	IA310 (AEDC 16TF-783) PROBE CALIBRATION	0.000	180.000
TCH153	IA310 (AEDC 16TF-783) PROBE CALIBRATION	2.000	180.000
TCH156	IA310 (AEDC 16TF-783) PROBE CALIBRATION	4.000	180.000

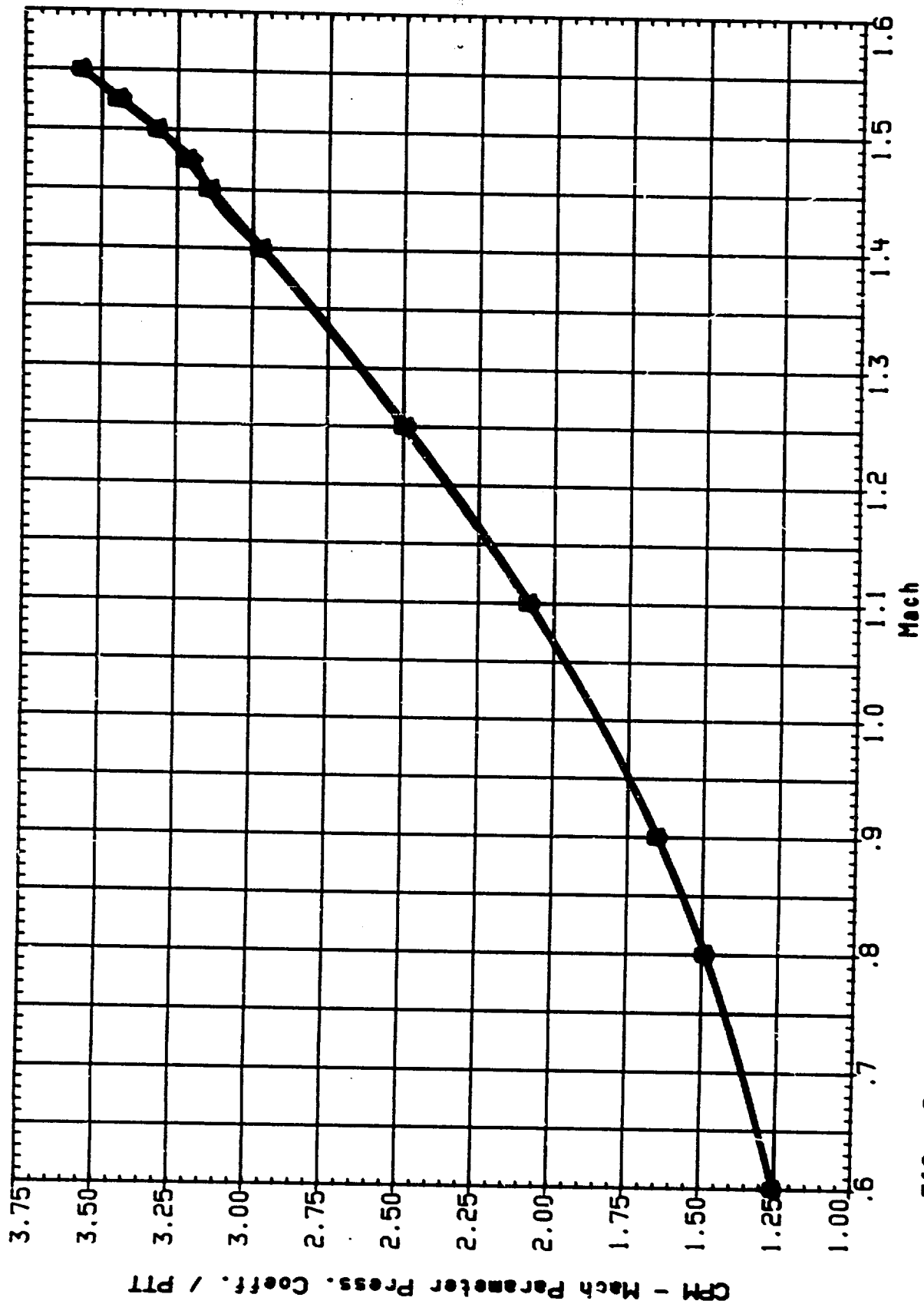


FIG. 2 AADS PROBE CALIBRATION - TEST SERIES 4 - MACH EFFECTS

(A) ALPHA = -6.00

DATE 22 OCT 91

DATA SET SYMBOL

TCH142
TCH143
TCH149
TCH153
TCH155

CONFIGURATION

IA310 (AEDC 16TF-783) PROBE CALIBRATION
IA310 (AEDC 16TF-783) PROBE CALIBRATION
IA310 (AEDC 16TF-783) PROBE CALIBRATION
IA310 (AEDC 16TF-783) PROBE CALIBRATION
IA310 (AEDC 16TF-783) PROBE CALIBRATION

BETA PHI
-4.000 180.000
-2.000 180.000
2.000 180.000
4.000 180.000

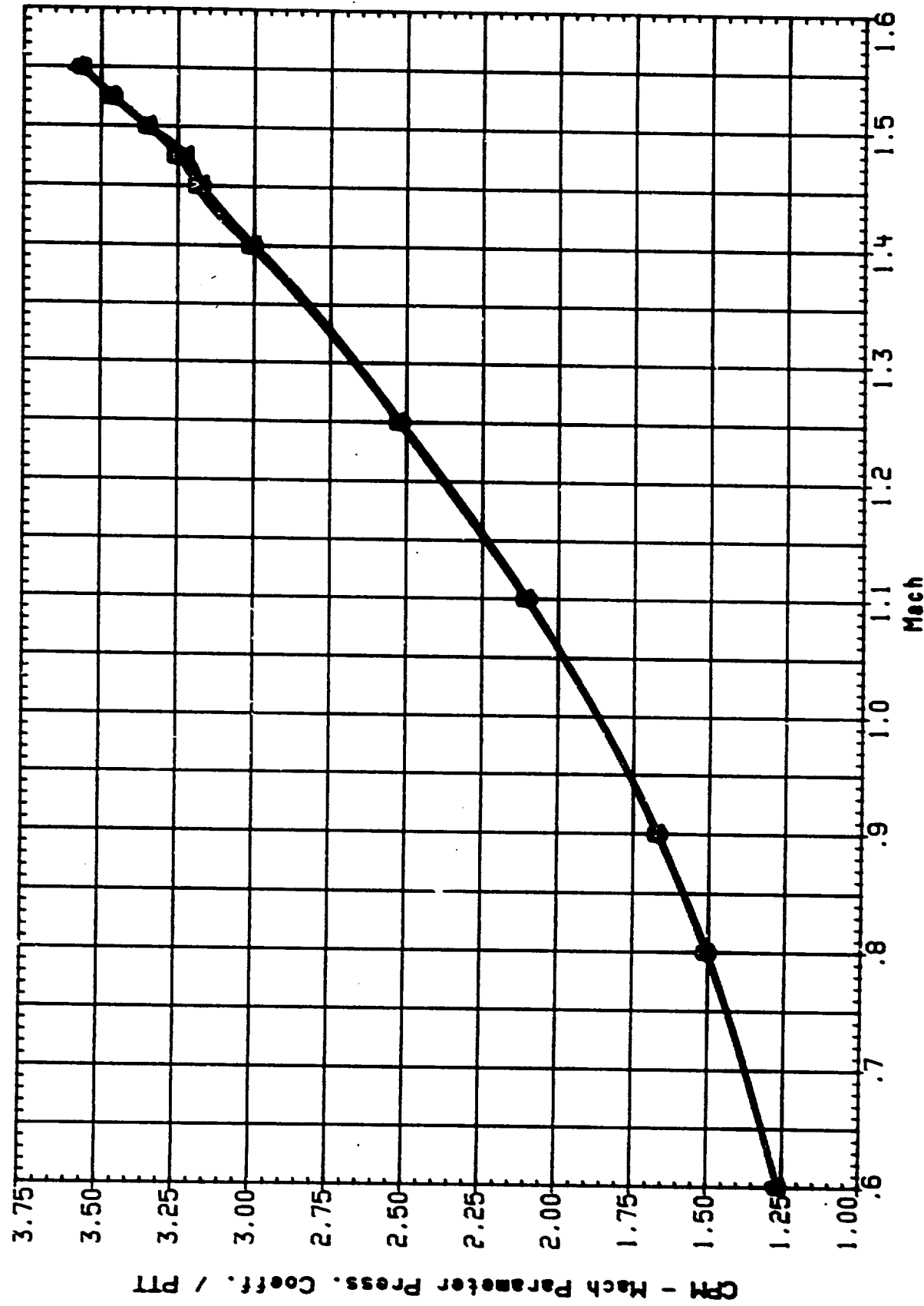


FIG. 2 AADS PROBE CALIBRATION - TEST SERIES 4 - MACH EFFECTS

(B) ALPHA = -4.00

DATE 22 OCT 91

DATA SET SYMBOL

TCH142
TCH145
TCH149
TCH153
TCH156



IA310 (AEDC 16TF-783) PROBE CALIBRATION
IA310 (AEDC 16TF-783) PROBE CALIBRATION
IA310 (AEDC 16TF-783) PROBE CALIBRATION
IA310 (AEDC 16TF-783) PROBE CALIBRATION
IA310 (AEDC 16TF-783) PROBE CALIBRATION

CONFIGURATION

BETA PHI
-4.000 180.000
-2.000 180.000
2.000 180.000
4.000 180.000

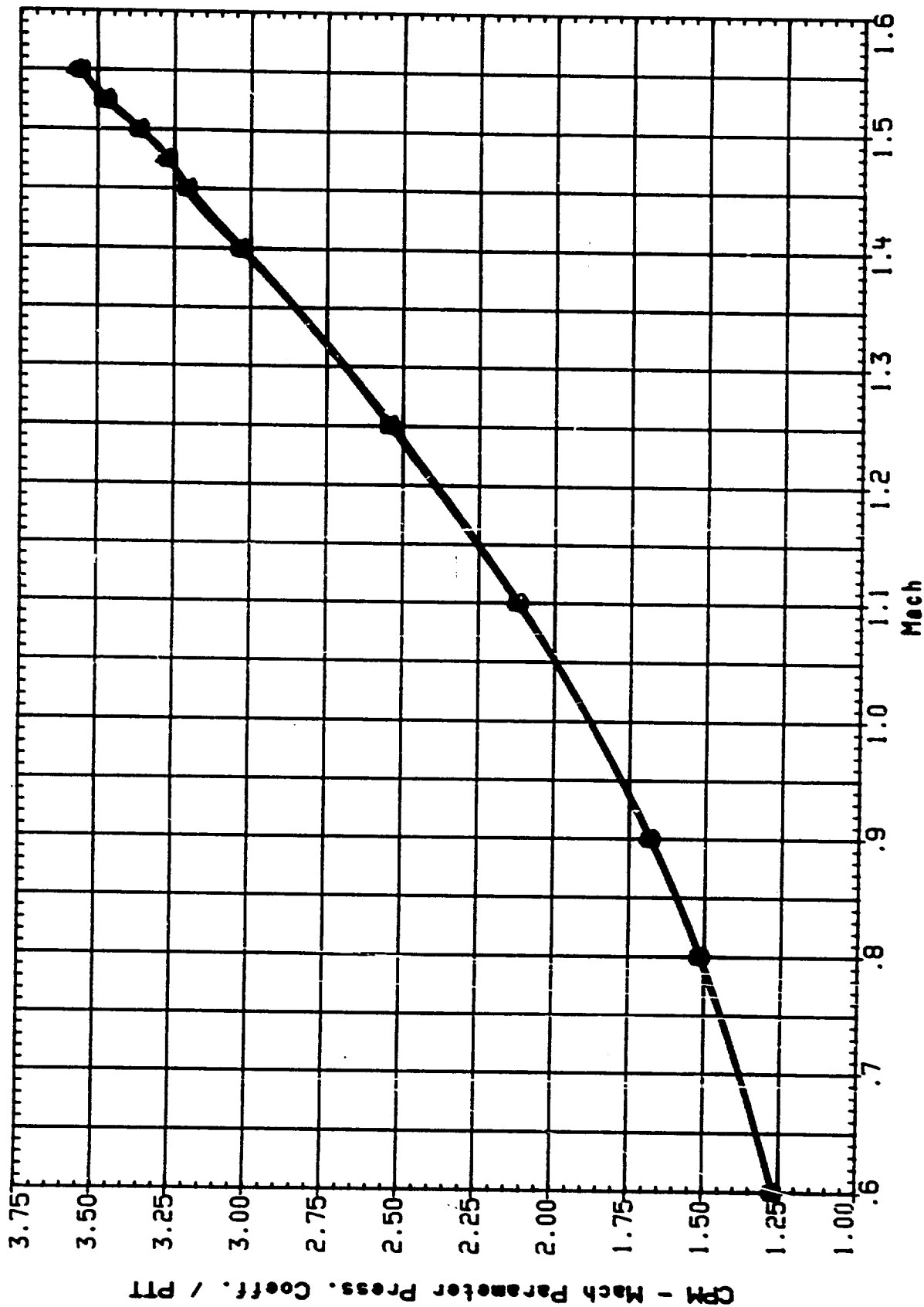


FIG. 2 AADS PROBE CALIBRATION - TEST SERIES 4 - MACH EFFECTS

(C) ALPHA = .00

DATE 22 OCT 91

DATA SET SYMBOL	CONFIGURATION	BETA	PHI
TCH142	IA310 (AEDC 161F-783) PROBE CALIBRATION	-4.000	180.000
TCH145	IA310 (AEDC 161F-783) PROBE CALIBRATION	-2.000	180.000
TCH149	IA310 (AEDC 161F-783) PROBE CALIBRATION	.000	180.000
TCH153	IA310 (AEDC 161F-783) PROBE CALIBRATION	2.000	180.000
TCH156	IA310 (AEDC 161F-783) PROBE CALIBRATION	4.000	180.000

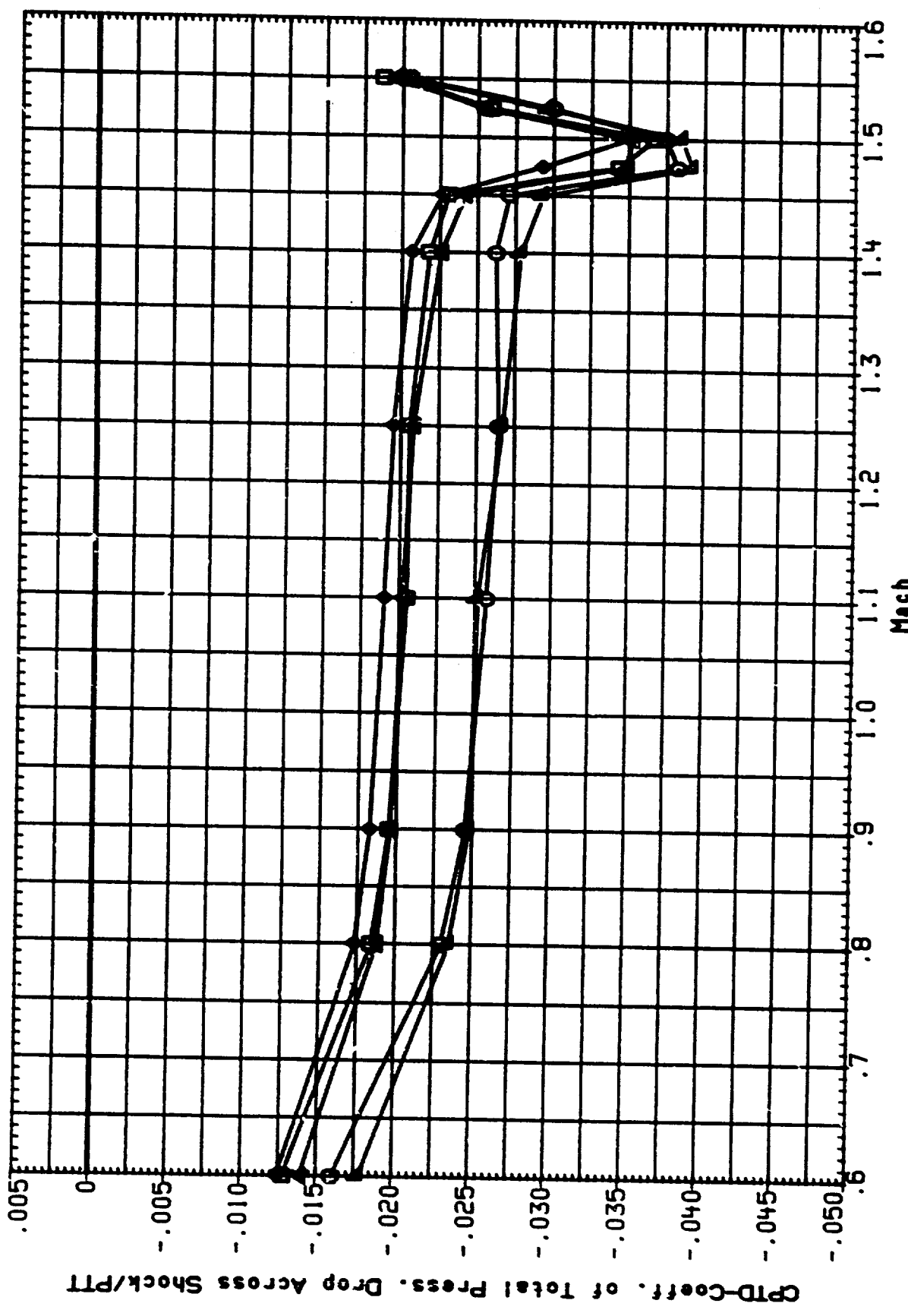


FIG. 2 AADS PROBE CALIBRATION - TEST SERIES 4 - MACH EFFECTS

(A) ALPHA = -6.00

DATE 22 OCT 91

DATA SET SYMBOL

TCH142
TCH145
TCH149
TCH153
TCH158

IA310 (AEDC 181F-783) PROBE CALIBRATION
IA310 (AEDC 181F-783) PROBE CALIBRATION
IA310 (AEDC 181F-783) PROBE CALIBRATION
IA310 (AEDC 181F-783) PROBE CALIBRATION
IA310 (AEDC 181F-783) PROBE CALIBRATION

BETA PHI
-4.000 180.000
-2.000 180.000
.000 180.000
2.000 180.000
4.000 180.000

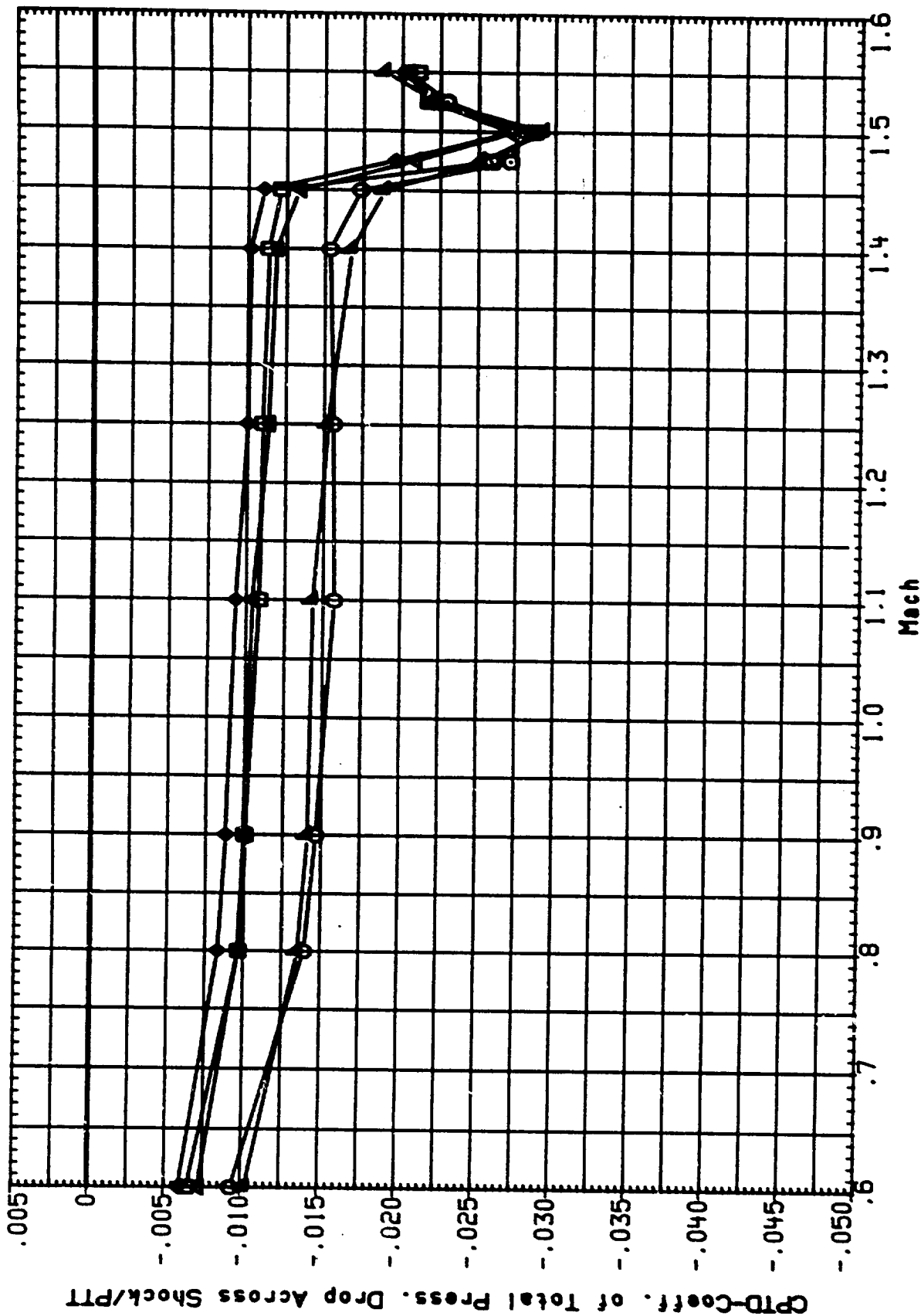


FIG. 2 AADS PROBE CALIBRATION - TEST SERIES 4 - MACH EFFECTS

(B) ALPHA = -4.00

DATE 22 OCT 91

DATA SET SYMBOL	CONFIGURATION	BETA	PHI
TCH142	IA310 (AEDC 161F-783) PROBE CALIBRATION	-4.000	180.000
TCH143	IA310 (AEDC 161F-783) PROBE CALIBRATION	-2.000	180.000
TCH149	IA310 (AEDC 161F-783) PROBE CALIBRATION	.000	180.000
TCH153	IA310 (AEDC 161F-783) PROBE CALIBRATION	2.000	180.000
TCH156	IA310 (AEDC 161F-783) PROBE CALIBRATION	4.000	180.000

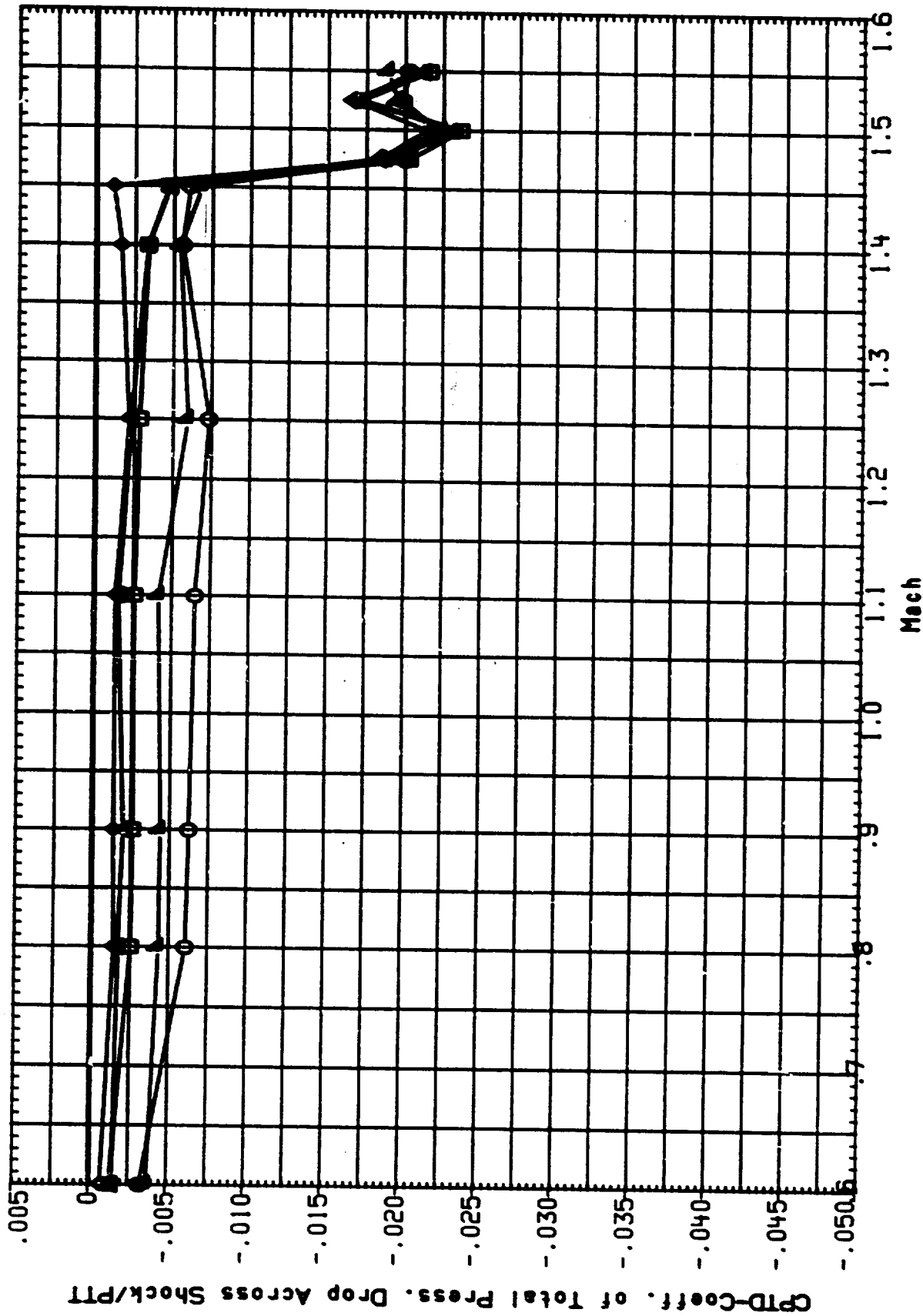


FIG. 2 AADS PROBE CALIBRATION - TEST SERIES 4 - MACH EFFECTS

(C) ALPHA = .00

DATE 22 OCT 91

DATA SET SYMBOL

CH142
CH145
TCH149
TCH153
TCH155

CONFIGURATION

IA310 (AEDC 18TF-783) PROBE CALIBRATION
IA310 (AEDC 18TF-783) PROBE CALIBRATION
IA310 (AEDC 18TF-783) PROBE CALIBRATION
IA310 (AEDC 18TF-783) PROBE CALIBRATION
IA310 (AEDC 18TF-783) PROBE CALIBRATION

ETA PHI

2.000 180.000
2.000 180.000
2.000 180.000
4.000 180.000

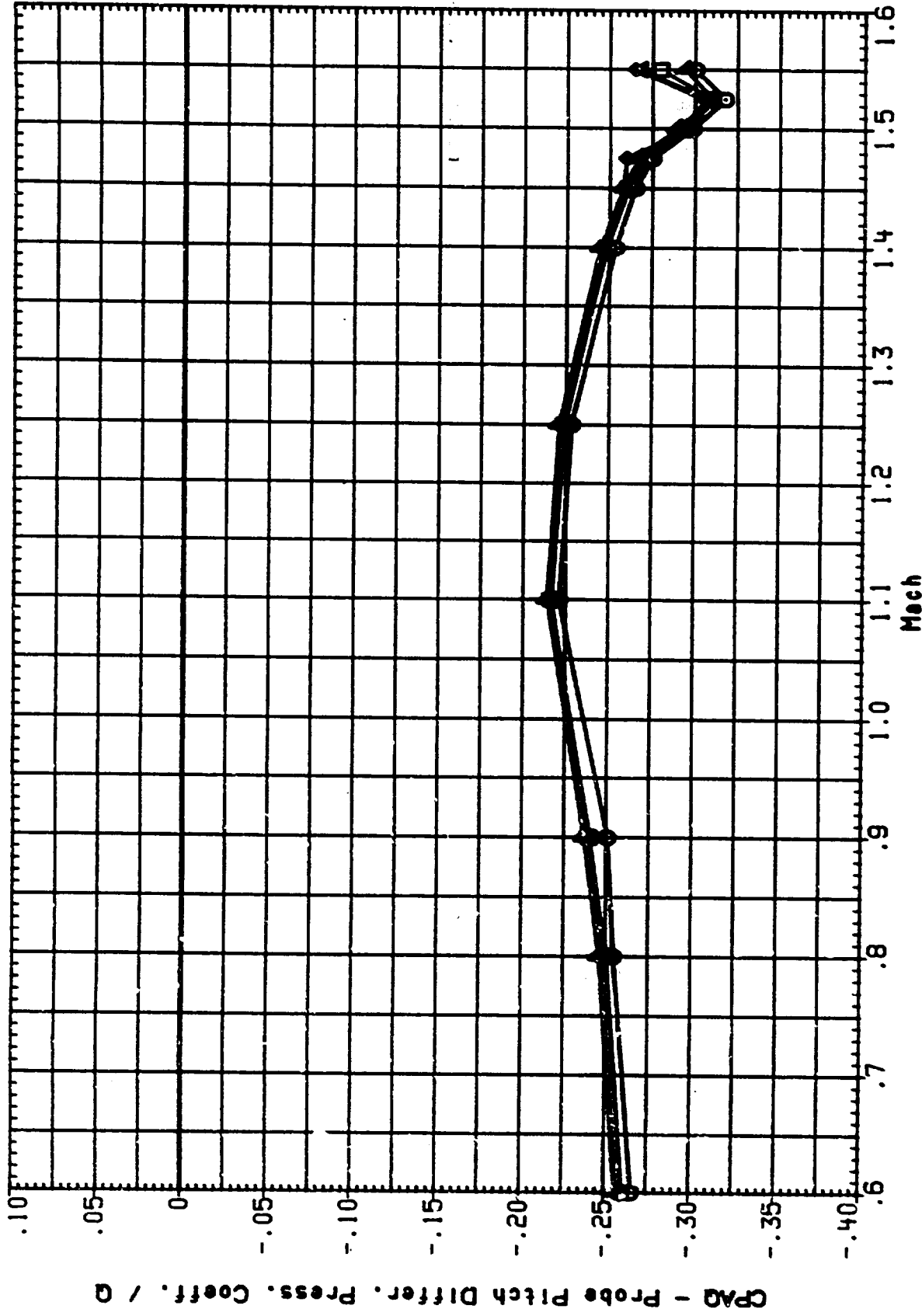


FIG. 2 AADS PROBE CALIBRATION - TEST SERIES 4 - MACH EFFECTS

(A) ALPHA = -6.00

DATE 22 OCT 91

DATA SET SYMBOL

TCH142
TCH145
TCH148
TCH153
TCH156



CONFIGURATION

IA310 (AEDC 161F-783) PROBE CALIBRATION
IA310 (AEDC 161F-783) PROBE CALIBRATION
IA310 (AEDC 161F-783) PROBE CALIBRATION
IA310 (AEDC 161F-783) PROBE CALIBRATION
IA310 (AEDC 161F-783) PROBE CALIBRATION

BETA PHI
-4.000 180.000
-2.000 180.000
2.000 180.000
4.000 180.000

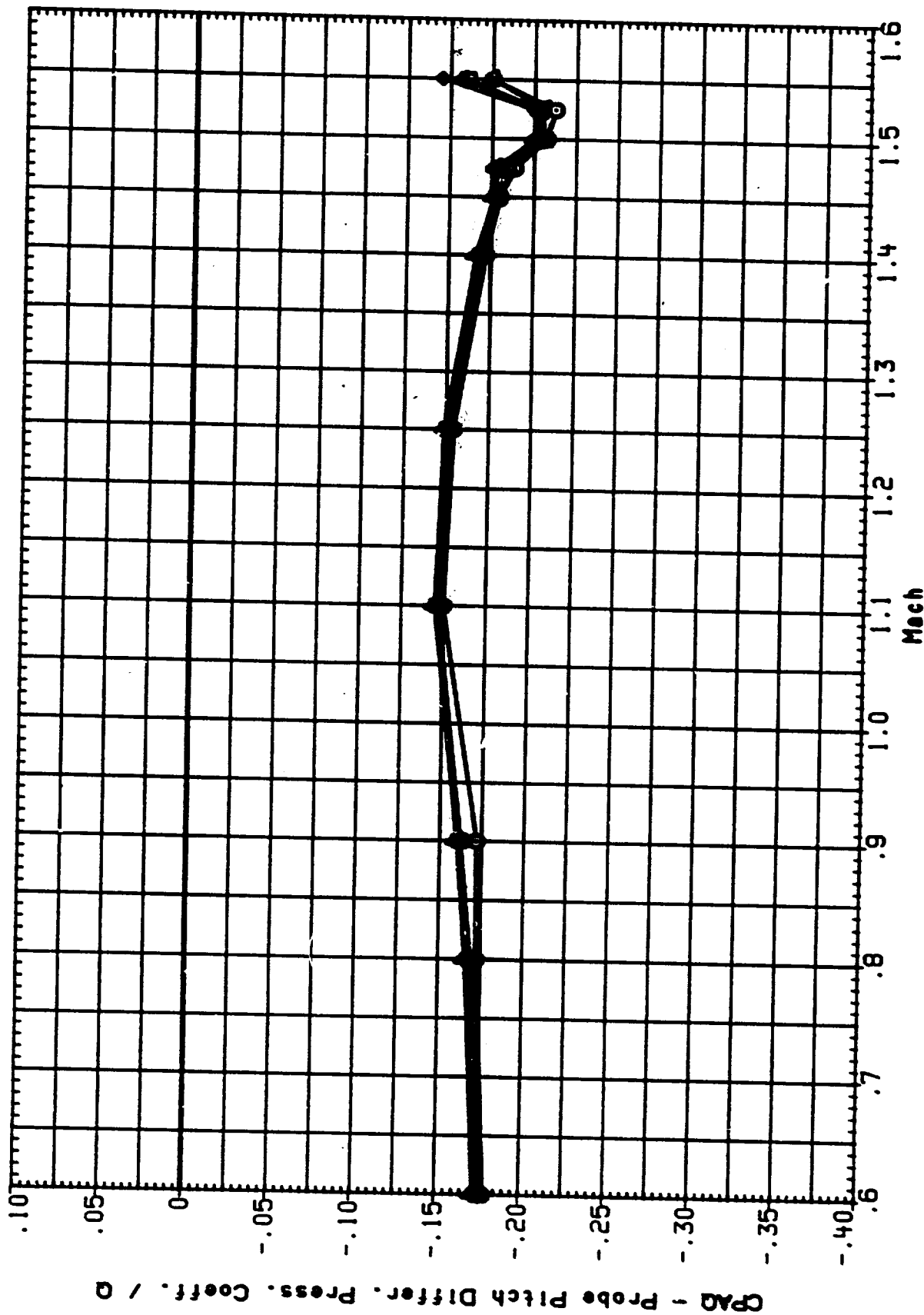


FIG. 2 AADS PROBE CALIBRATION - TEST SERIES 4 - MACH EFFECTS

(B) ALPHA = -4.00

DATE 22 OCT 91

DATA SET SYMBOL	CONFIGURATION	ETA	PHI
TCH142	IA310 (AEDC 181F-783) PROBE CALIBRATION	4.000	180.000
TCH145	IA310 (AEDC 181F-783) PROBE CALIBRATION	-2.000	180.000
TCH149	IA310 (AEDC 181F-783) PROBE CALIBRATION	2.000	180.000
TCH153	IA310 (AEDC 181F-783) PROBE CALIBRATION	4.000	180.000
TCH156	IA310 (AEDC 181F-783) PROBE CALIBRATION		

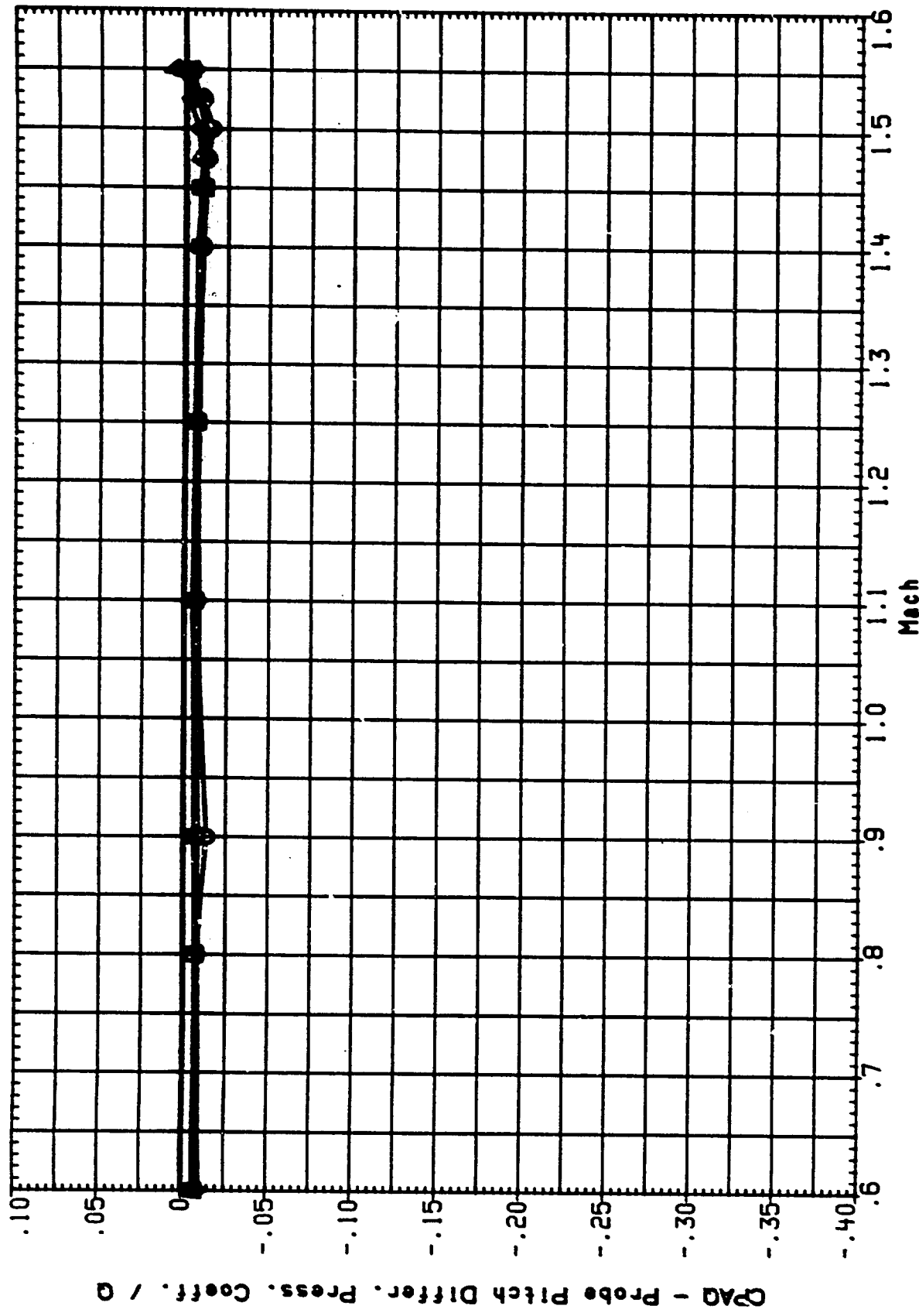


FIG. 2 AADS PROBE CALIBRATION - TEST SERIES 4 - MACH EFFECTS

(C) ALPHA = .00

DATE 22 OCT 91

DATA SET SYMBOL	CONFIGURATION	BETA	PHI
TCH142	IA310 (AEDC 181F-783) PROBE CALIBRATION	-4.000	180.000
TCH145	IA310 (AEDC 181F-783) PROBE CALIBRATION	-2.000	180.000
TCH148	IA310 (AEDC 181F-783) PROBE CALIBRATION	.000	180.000
TCH153	IA310 (AEDC 181F-783) PROBE CALIBRATION	2.000	180.000
TCH156	IA310 (AEDC 181F-783) PROBE CALIBRATION	4.000	180.000

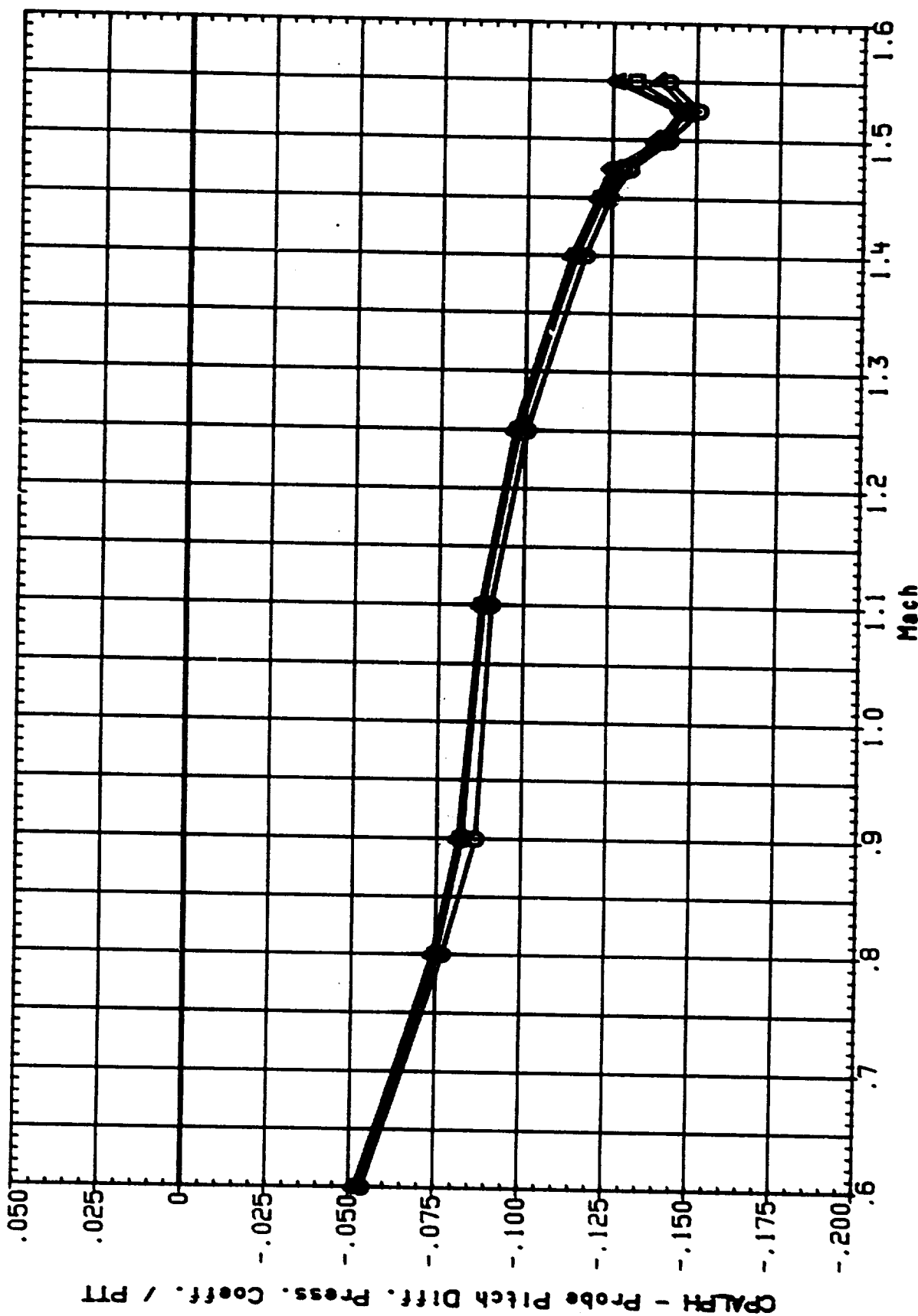


FIG. 2 AADS PROBE CALIBRATION - TEST SERIES 4 - MACH EFFECTS

(A) ALPHA = -6.00

DATE 22 OCT 91

DATA SET SYMBOL CONFIGURATION YETA PHI

CHI42	IA310 (AEDC 16TF-783) PROBE CALIBRATION	4.000	180.000
CHI45	IA310 (AEDC 16TF-783) PROBE CALIBRATION	2.000	180.000
TCHI49	IA310 (AEDC 16TF-783) PROBE CALIBRATION	2.000	180.000
TCHI53	IA310 (AEDC 16TF-783) PROBE CALIBRATION	4.000	180.000
TCHI56	IA310 (AEDC 16TF-783) PROBE CALIBRATION	4.000	180.000

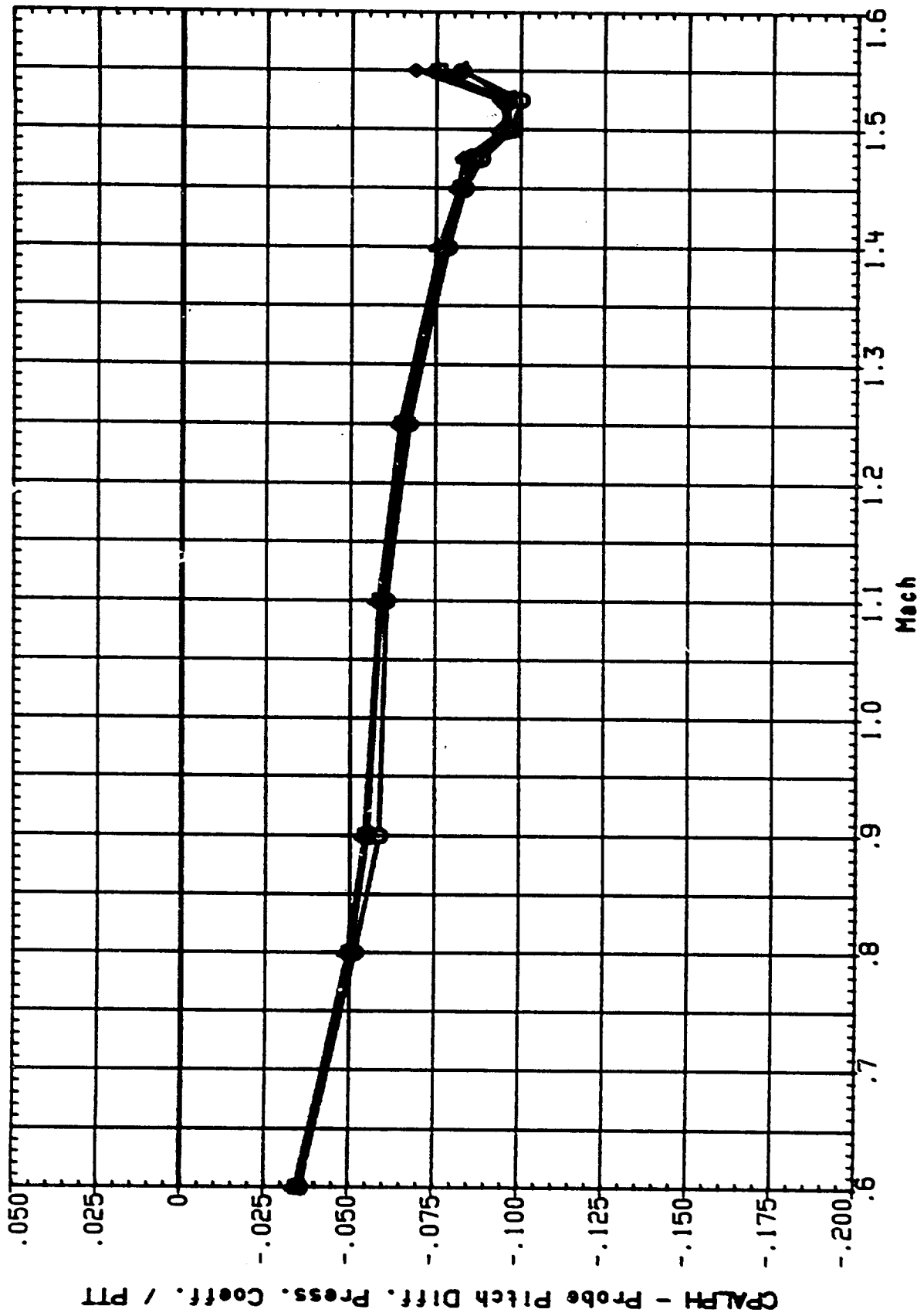


FIG. 2 AADS PROBE CALIBRATION - TEST SERIES 4 - MACH EFFECTS

(B) ALPHA = -4.00

DATE 22 OCT 91

DATA SET SYMBOL	CONFIGURATION	BETA	PHI
TCH142	IA310 (AEDC 161F-783) PROBE CALIBRATION	-4.000	180.000
TCH145	IA310 (AEDC 161F-783) PROBE CALIBRATION	-2.000	180.000
TCH149	IA310 (AEDC 161F-783) PROBE CALIBRATION	.000	180.000
TCH153	IA310 (AEDC 161F-783) PROBE CALIBRATION	2.000	180.000
TCH156	IA310 (AEDC 161F-783) PROBE CALIBRATION	4.000	180.000

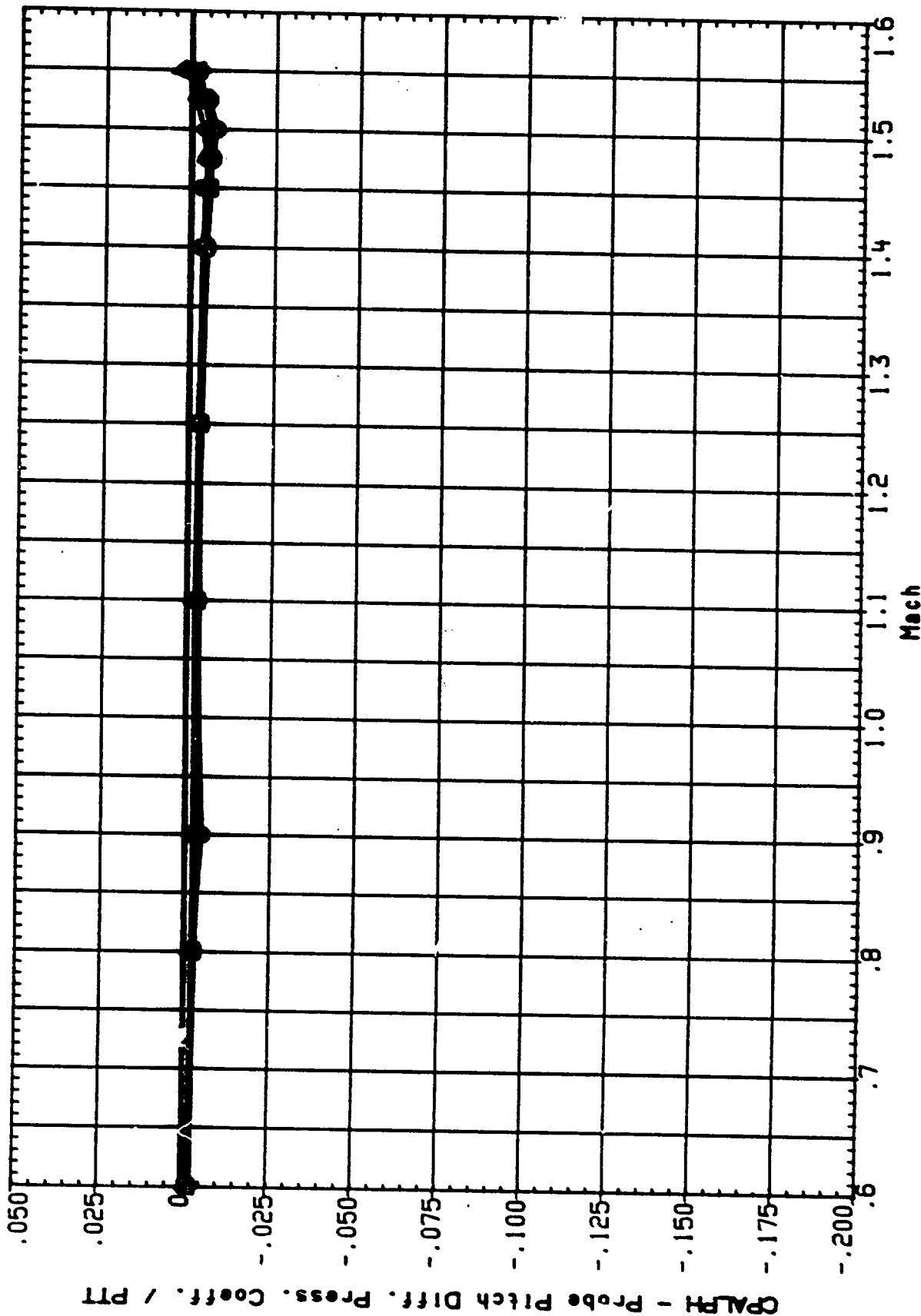


FIG. 2 AADS PROBE CALIBRATION - TEST SERIES 4 - MACH EFFECTS

(C) ALPHA = .00

DATE 22 OCT 91

'A SET SYMBOL	CONFIGURATION	TA	PHI
CHI2	IA310 (AEDC 161F-783) PROBE CALIBRATION	0.000	180.000
CHI5	IA310 (AEDC 161F-783) PROBE CALIBRATION	-2.000	180.000
UCHI48	IA310 (AEDC 161F-783) PROBE CALIBRATION	0.000	180.000
UCHI53	IA310 (AEDC 161F-783) PROBE CALIBRATION	2.000	180.000
UCHI56	IA310 (AEDC 161F-783) PROBE CALIBRATION	4.000	180.000

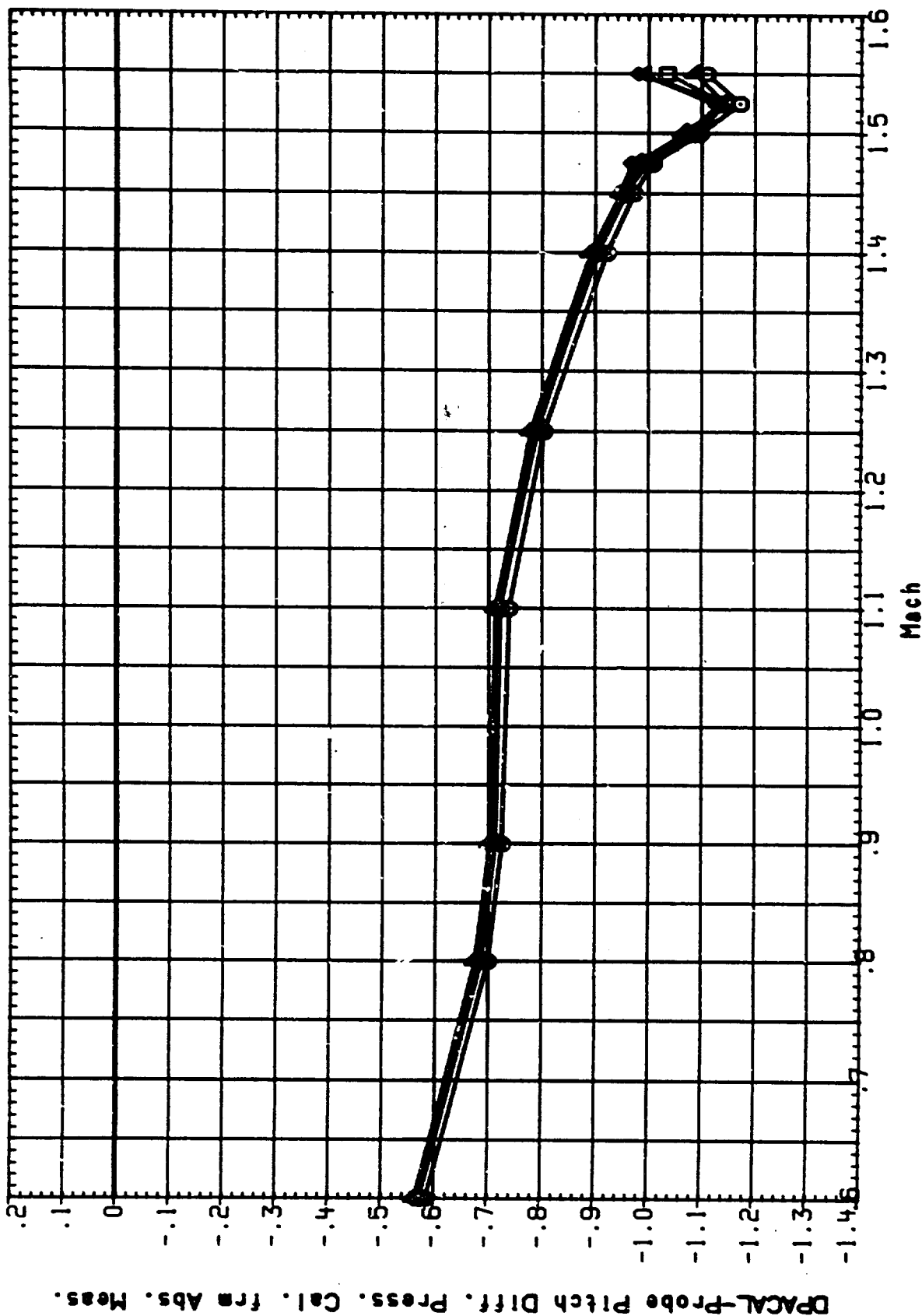


FIG. 2 AADS PROBE CALIBRATION - TEST SERIES 4 - MACH EFFECTS

(A) ALPHA = -6.00

DATE 22 OCT 91

DATA SET SYMBOL

UCH142
UCH145
UCH148
UCH153
UCH156

CONFIGURATION

IA310 (AEDC 181F-783) PROBE CALIBRATION
IA310 (AEDC 181F-783) PROBE CALIBRATION
IA310 (AEDC 181F-783) PROBE CALIBRATION
IA310 (AEDC 181F-783) PROBE CALIBRATION
IA310 (AEDC 181F-783) PROBE CALIBRATION

BETA PHI

-4.000 180.000
-2.000 180.000
2.000 180.000
4.000 180.000

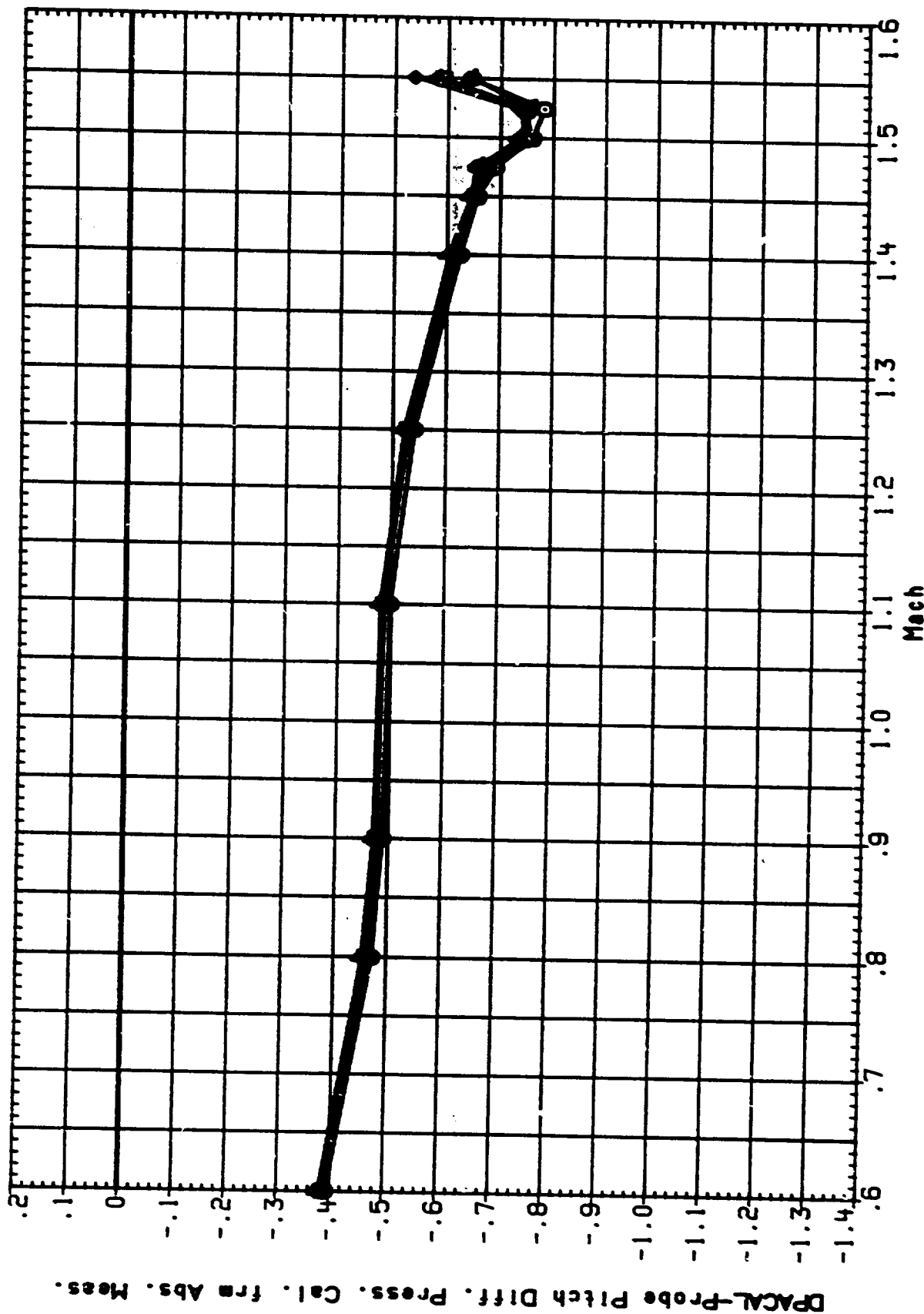


FIG. 2 AADS PROBE CALIBRATION - TEST SERIES 4 - MACH EFFECTS

(B) ALPHA = -4.00

DATE 22 OCT 91

SET SYMBOL	CONFIGURATION	A	PHI
UCH142	IA310 (AEDC 18TF-783) PROBE CALIBRATION	0.000	180.000
UCH143	IA310 (AEDC 18TF-783) PROBE CALIBRATION	-2.000	180.000
UCH144	IA310 (AEDC 18TF-783) PROBE CALIBRATION	0.000	180.000
UCH145	IA310 (AEDC 18TF-783) PROBE CALIBRATION	2.000	180.000
UCH146	IA310 (AEDC 18TF-783) PROBE CALIBRATION	4.000	180.000

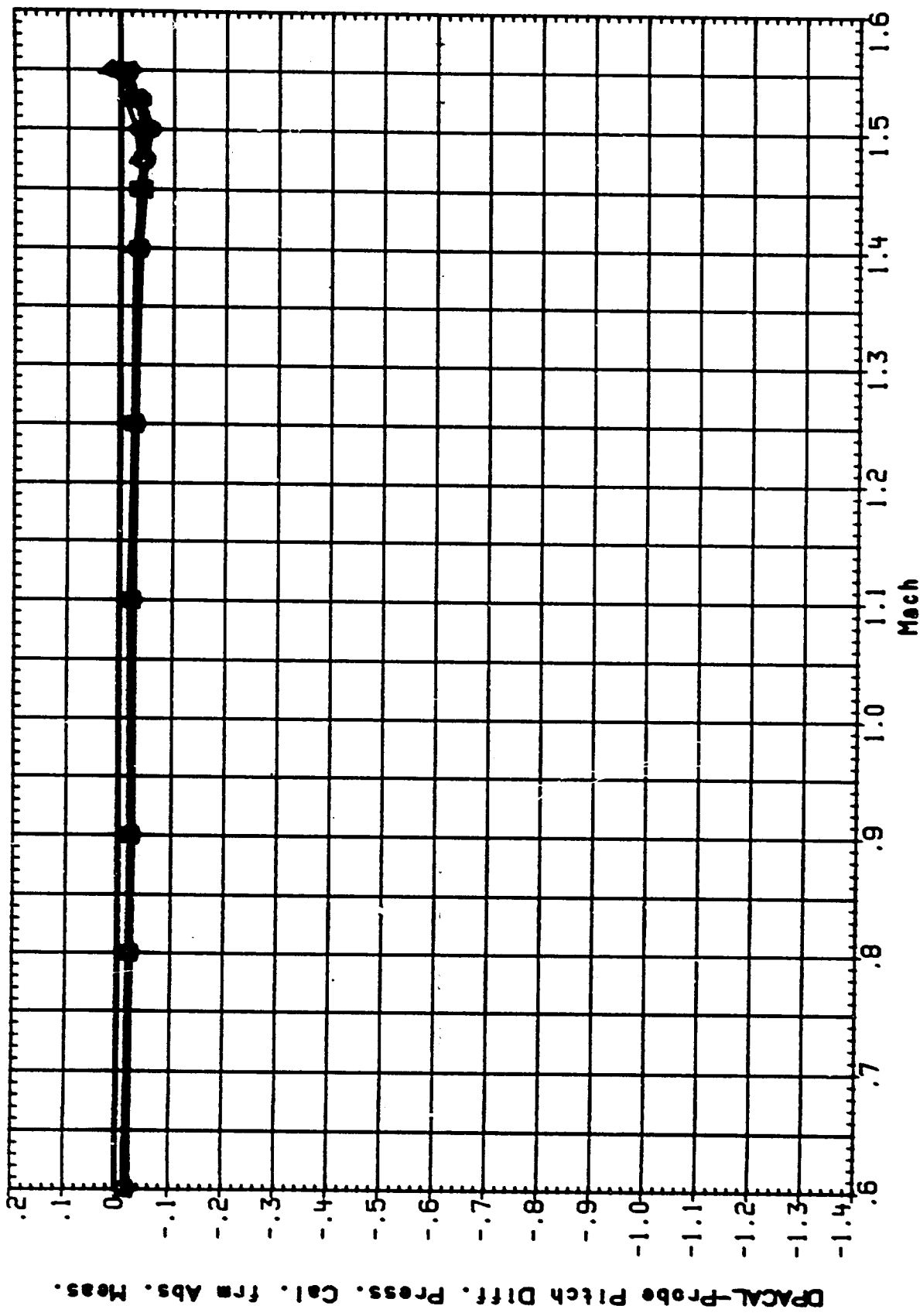


FIG. 2 AADS PROBE CALIBRATION - TEST SERIES 4 - MACH EFFECTS

(C) ALPHA = .00

DATE 22 OCT 91

DATA SET SYMBOL

TCH142
TCH145
TCH149
TCH153
TCH156

CONFIGURATION

IA310 (AEDC 16TF-783) PROBE CALIBRATION
IA310 (AEDC 16TF-783) PROBE CALIBRATION
IA310 (AEDC 16TF-783) PROBE CALIBRATION
IA310 (AEDC 16TF-783) PROBE CALIBRATION
IA310 (AEDC 16TF-783) PROBE CALIBRATION

BETA PHI

-4.000 180.000
-2.000 180.000
2.000 180.000
4.000 180.000

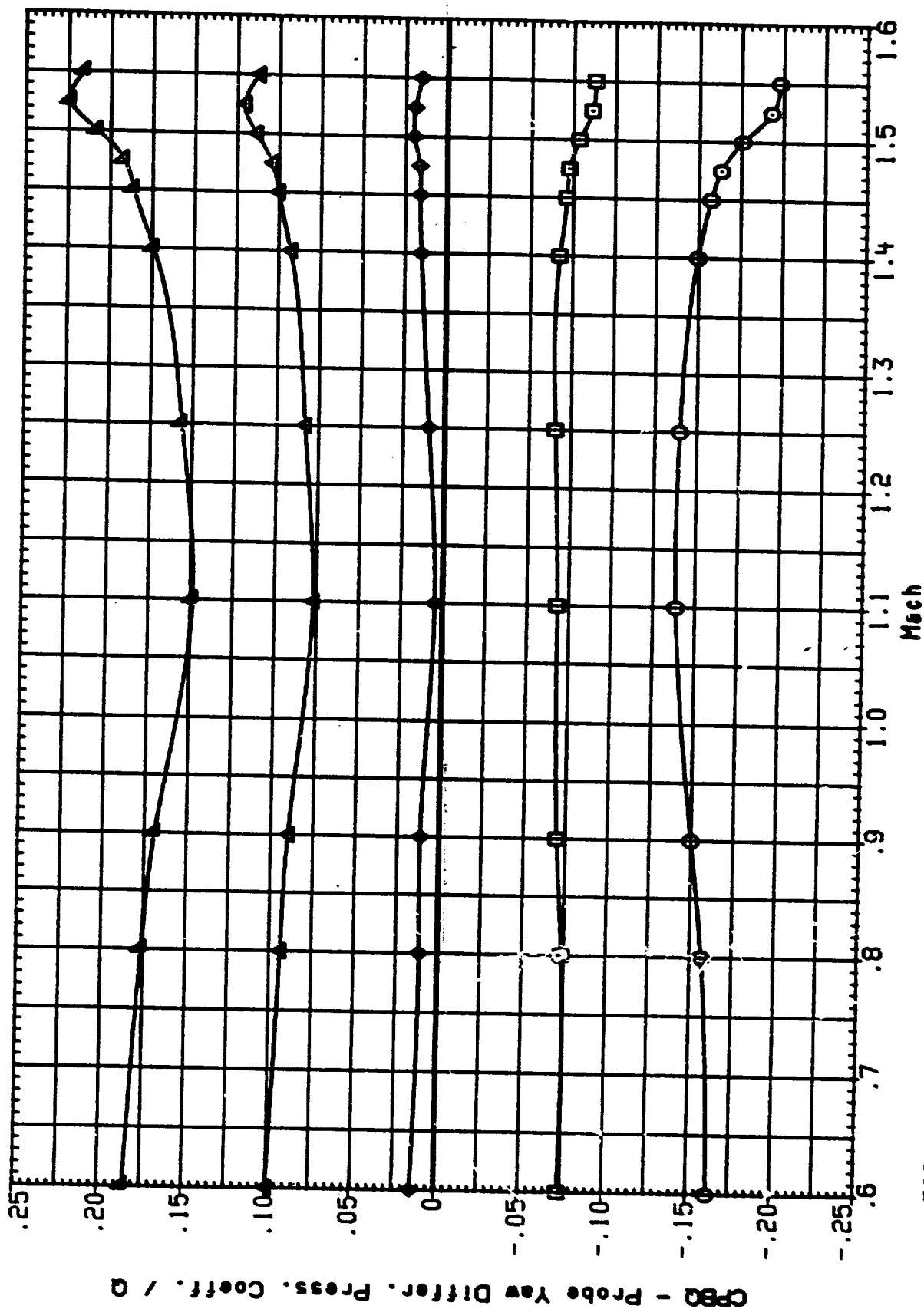


FIG. 2 AADS PROBE CALIBRATION - TEST SERIES 4 - MACH EFFECTS

(4) ALPHA = -6.00

DATE 22 OCT 91

TA SET SYMBOL	CONFIGURATION	TA	PHI
CH12	IA310 (AEDC 16TF-783) PROBE CALIBRATION	-4.000	180.000
CH149	IA310 (AEDC 16TF-783) PROBE CALIBRATION	-2.000	180.000
CH153	IA310 (AEDC 16TF-783) PROBE CALIBRATION	2.000	
CH158	IA310 (AEDC 16TF-783) PROBE CALIBRATION	4.000	180.000

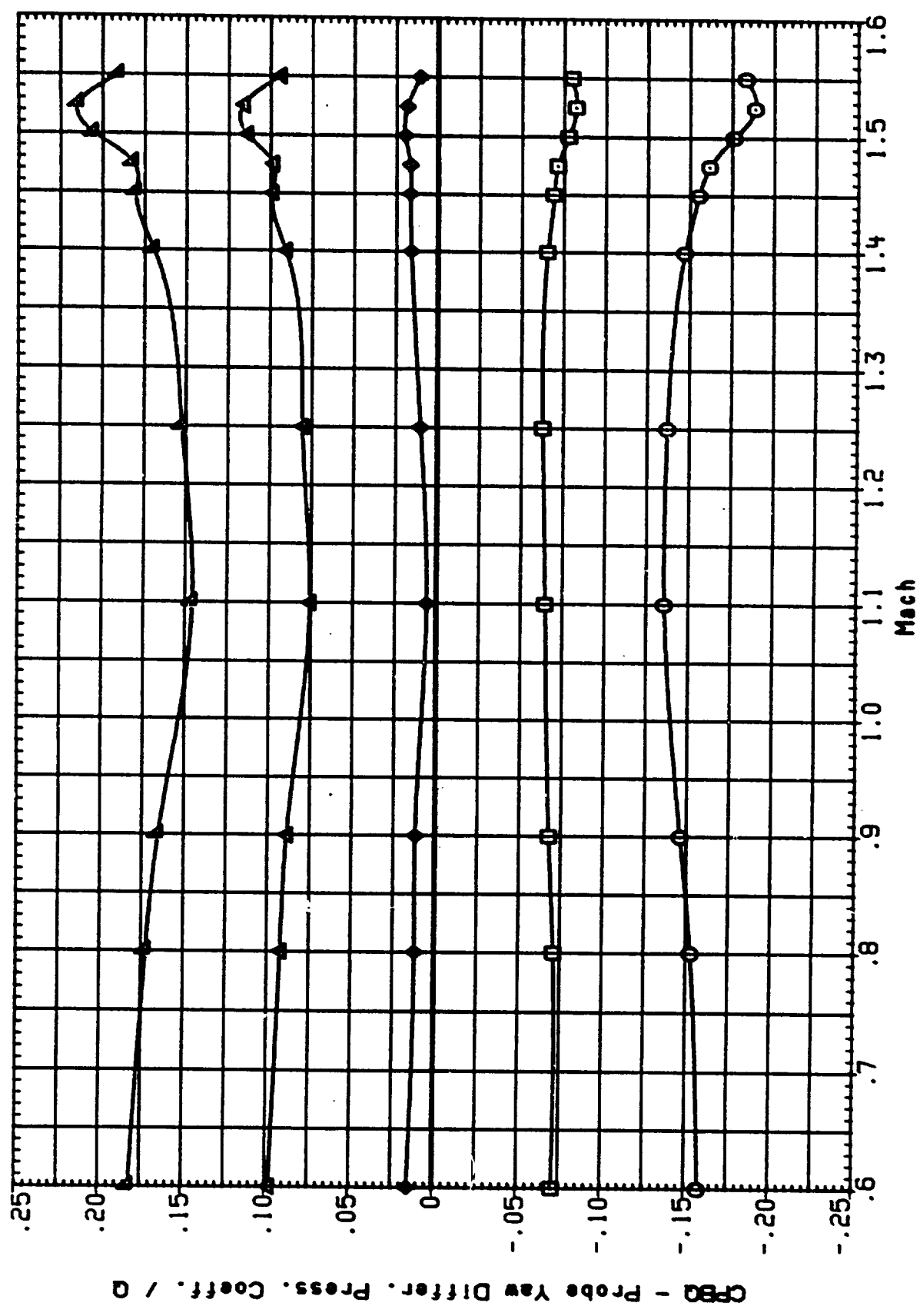


FIG. 2 AADS PROBE CALIBRATION - TEST SERIES 4 - MACH EFFECTS

(B) ALPHA = -4.00

DATE 22 OCT 91

DATA SET SYMBOL	CONFIGURATION	BETA	PHI
TCH142	IA310 (AEDC 16TF-783) PROBE CALIBRATION	-4.000	180.000
TCH145	IA310 (AEDC 16TF-783) PROBE CALIBRATION	-2.000	180.000
TCH148	IA310 (AEDC 16TF-783) PROBE CALIBRATION	.000	180.000
TCH153	IA310 (AEDC 16TF-783) PROBE CALIBRATION	2.000	180.000
TCH156	IA310 (AEDC 16TF-783) PROBE CALIBRATION	4.000	180.000

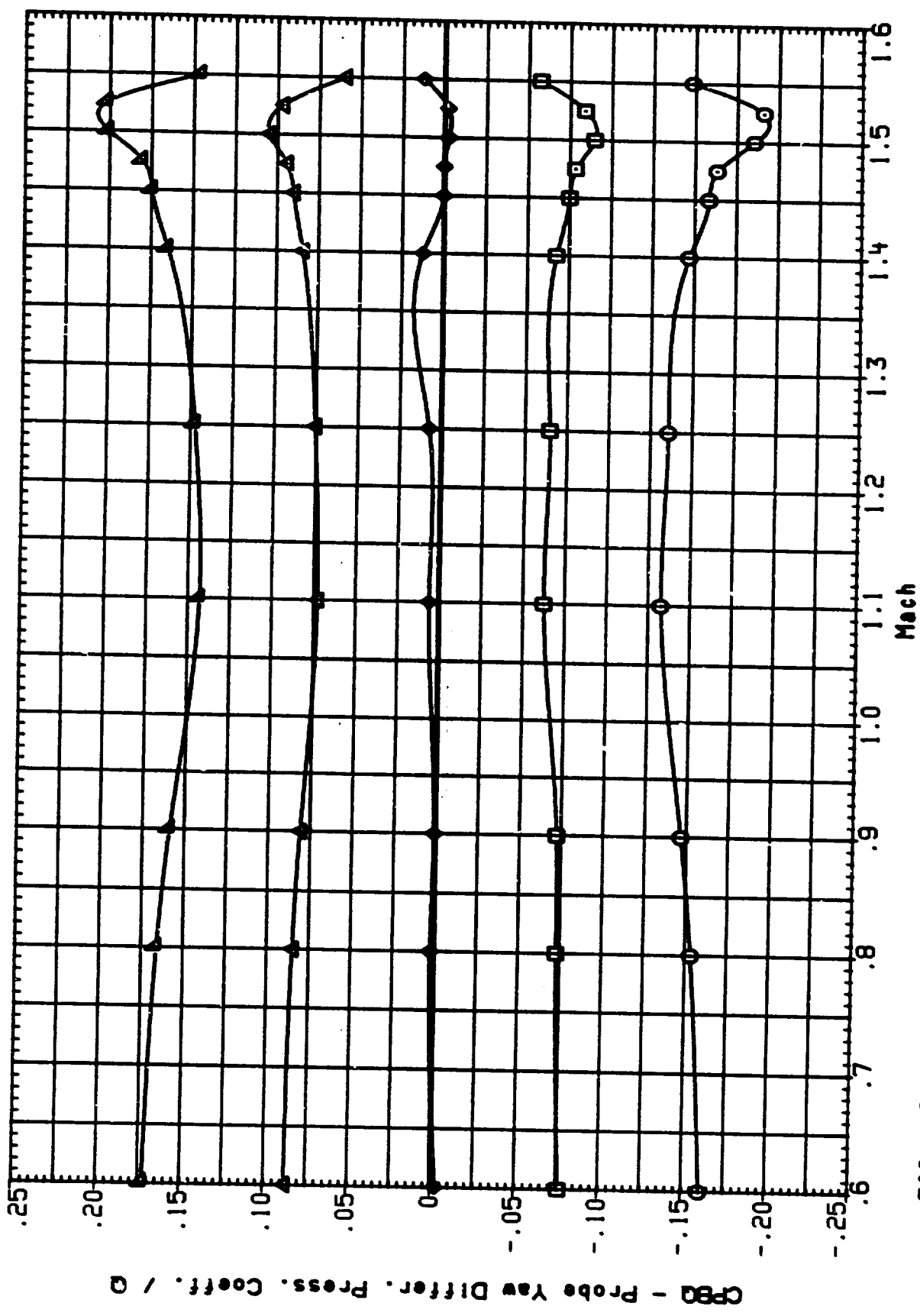


FIG. 2 AADS PROBE CALIBRATION - TEST SERIES 4 - MACH EFFECTS

(C) ALPHA = .00

DATE 22 OCT 91

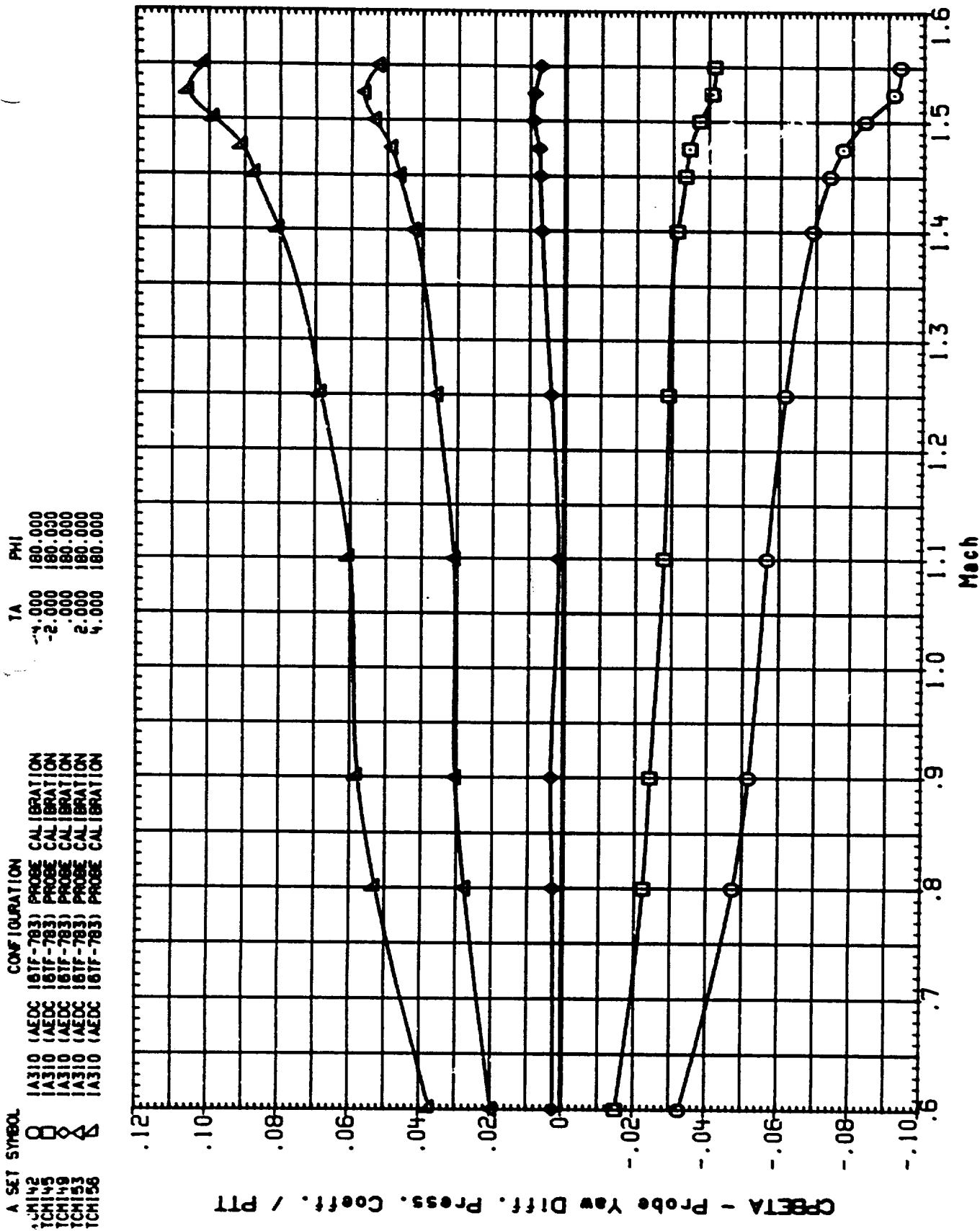


FIG. 2 AADS PROBE CALIBRATION - TEST SERIES 4 - MACH EFFECTS

(A) ALPHA = -6.00

DATE 22 OCT 91

DATA SET SYMBOL

TCH142
TCH145
TCH149
TCH153
TCH156

CONFIGURATION

IA310 (AEDC 18TF-783) PROBE CALIBRATION
IA310 (AEDC 18TF-783) PROBE CALIBRATION
IA310 (AEDC 18TF-783) PROBE CALIBRATION
IA310 (AEDC 18TF-783) PROBE CALIBRATION

BETA PHI

-4.000 180.000
-2.000 180.000
2.000 180.000
4.000 180.000

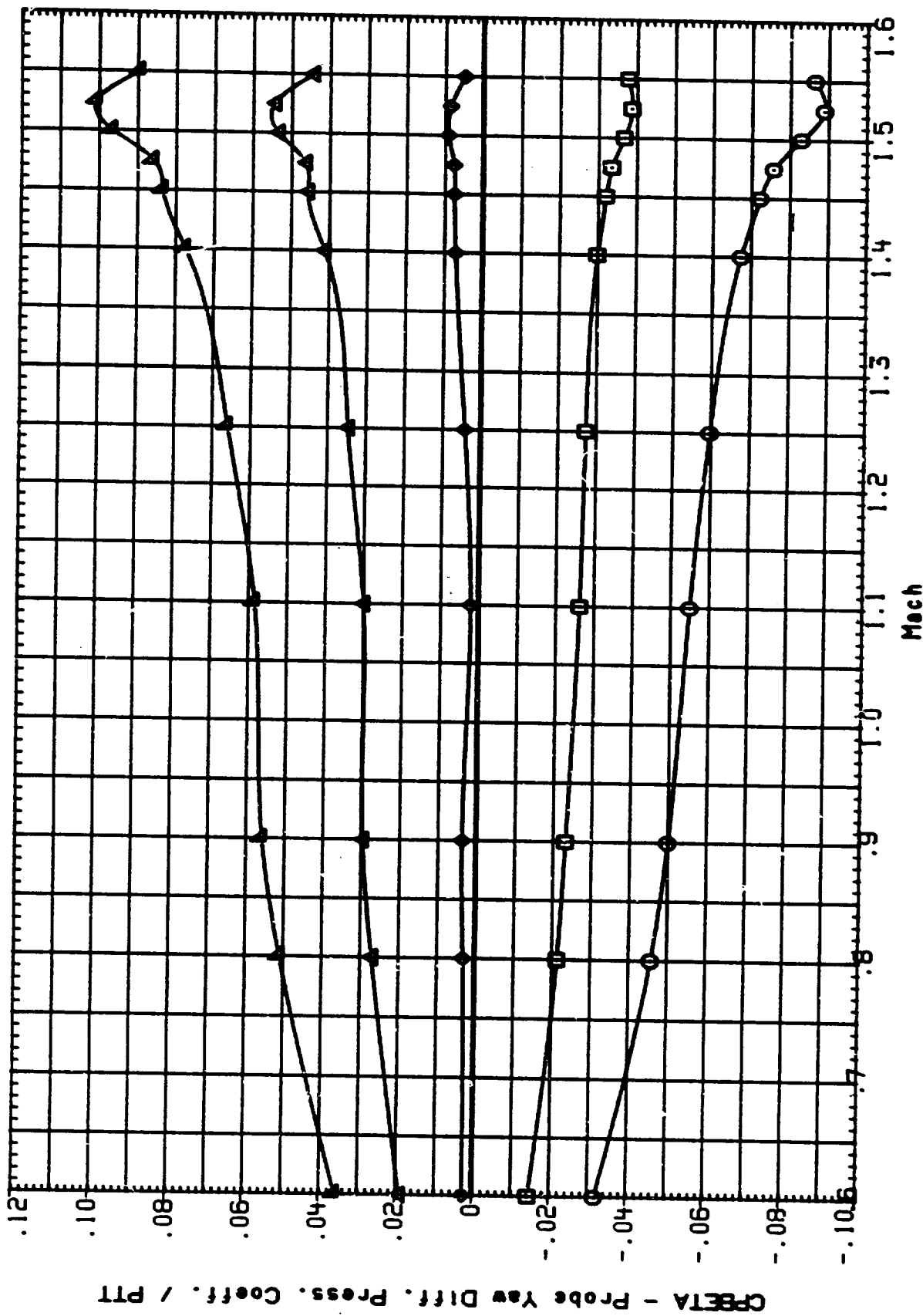


FIG. 2 AADS PROBE CALIBRATION - TEST SERIES 4 - MACH EFFECTS

(B) ALPHA = -4.00

DATE: 22 OCT 91

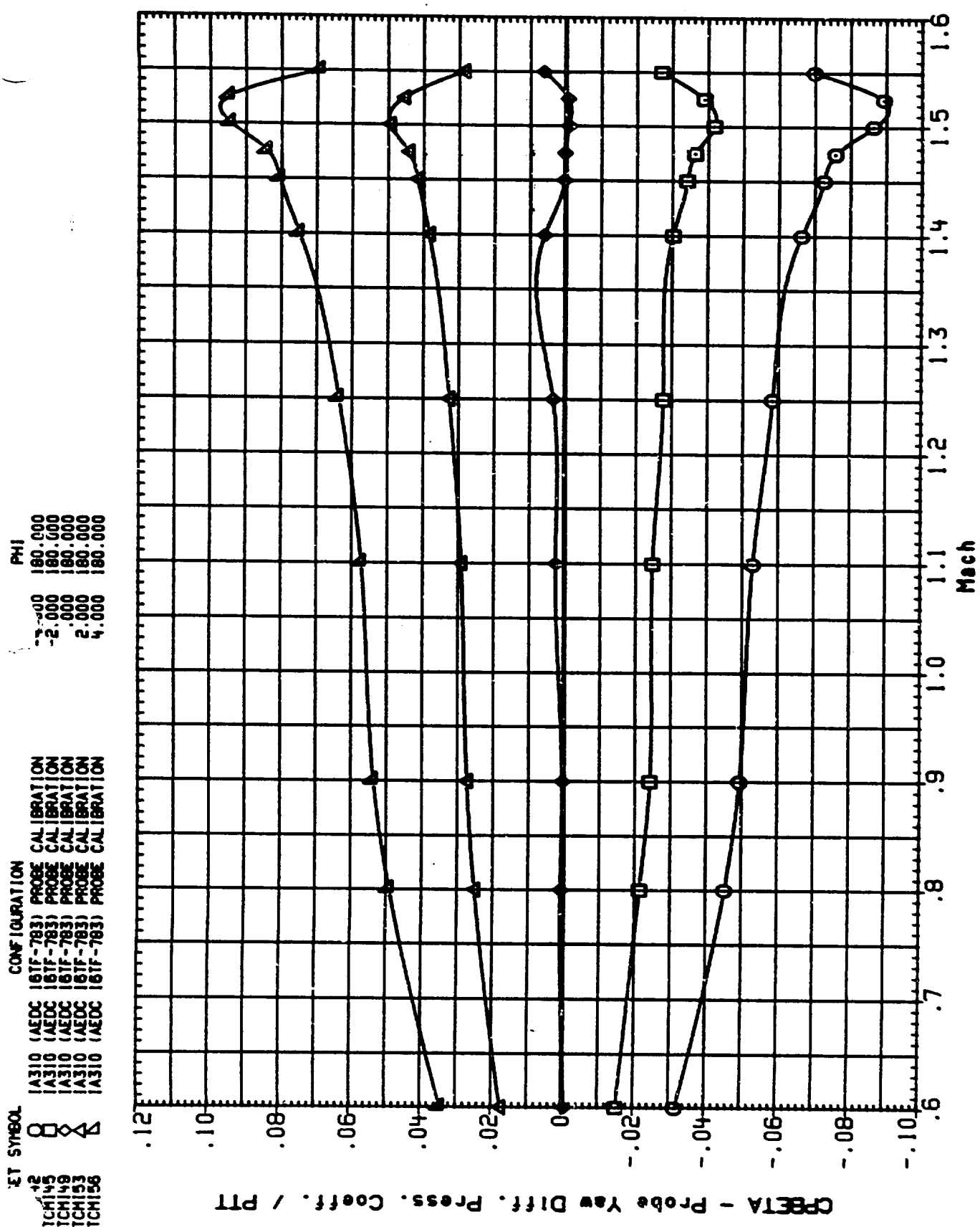


FIG. 2 AADS PROBE CALIBRATION - TEST SERIES 4 - MACH EFFECTS

(C) ALPHA = .00

DATE 22 OCT 91

DATA SET SYMBOL

- UCH142
- UCH145
- UCH149
- UCH153
- UCH156

CONFIGURATION

- IA310 (AEDC 16TF-783) PROBE CALIBRATION
- IA310 (AEDC 16TF-783) PROBE CALIBRATION
- IA310 (AEDC 16TF-783) PROBE CALIBRATION
- IA310 (AEDC 16TF-783) PROBE CALIBRATION
- IA310 (AEDC 16TF-783) PROBE CALIBRATION

BETA

- 4.000
- 2.000
- 2.000
- 4.000

PHI

- 180.000
- 180.000
- 180.000
- 180.000

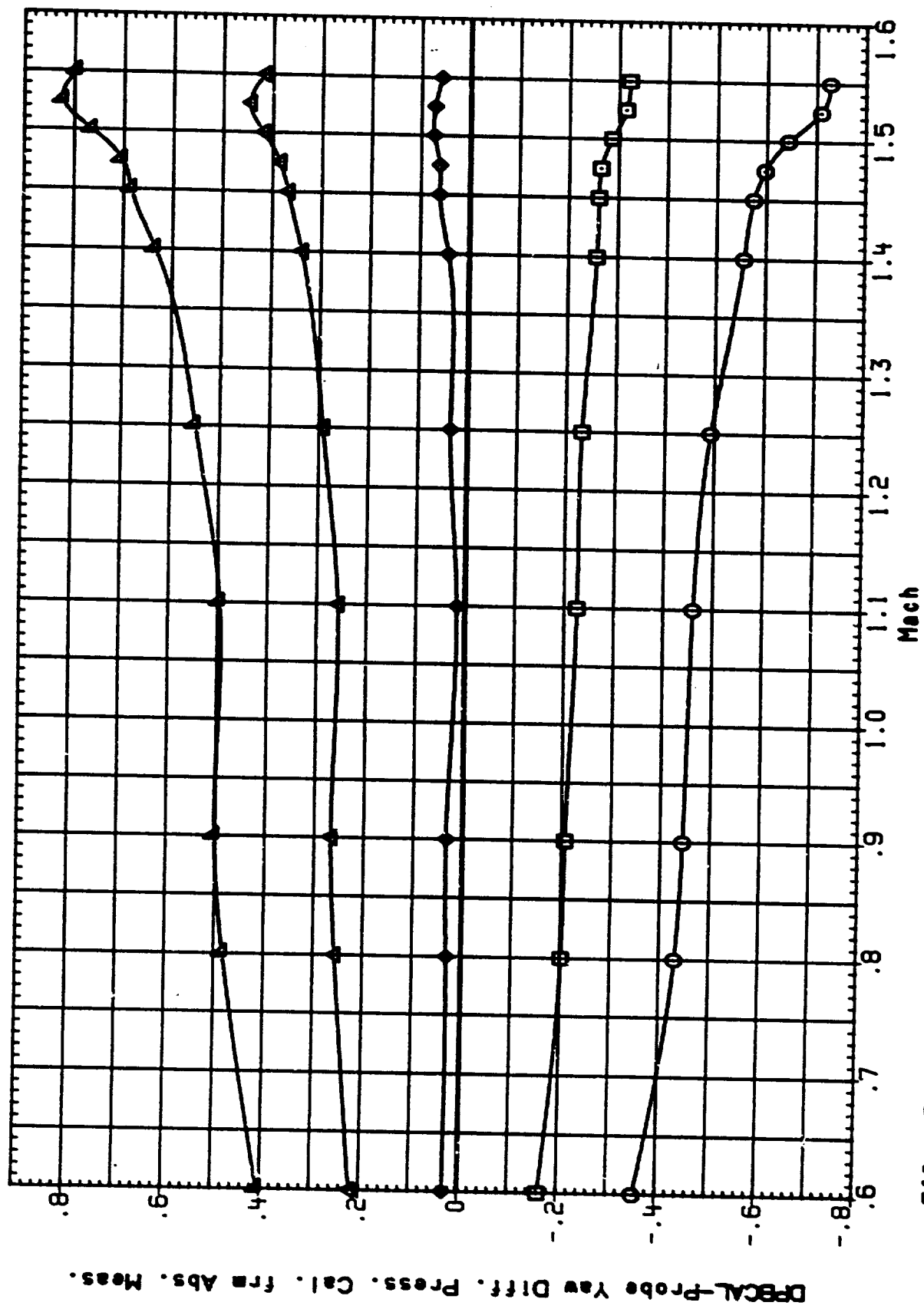


FIG. 2 AADS PROBE CALIBRATION - TEST SERIES 4 - MACH EFFECTS

ALPHA = -6.00

DATE: 2 OCT 91

SET SYMBOL

UCH142
UCH145
UCH149
UCH153
UCH156

CONFIGURATION

IA310 (AEDC 16TF-783) PROBE CALIBRATION
IA310 (AEDC 16TF-783) PROBE CALIBRATION
IA310 (AEDC 16TF-783) PROBE CALIBRATION
IA310 (AEDC 16TF-783) PROBE CALIBRATION
IA310 (AEDC 16TF-783) PROBE CALIBRATION

PHI

-4.000 180.000
-2.000 180.000
2.000 180.000
4.000 180.000

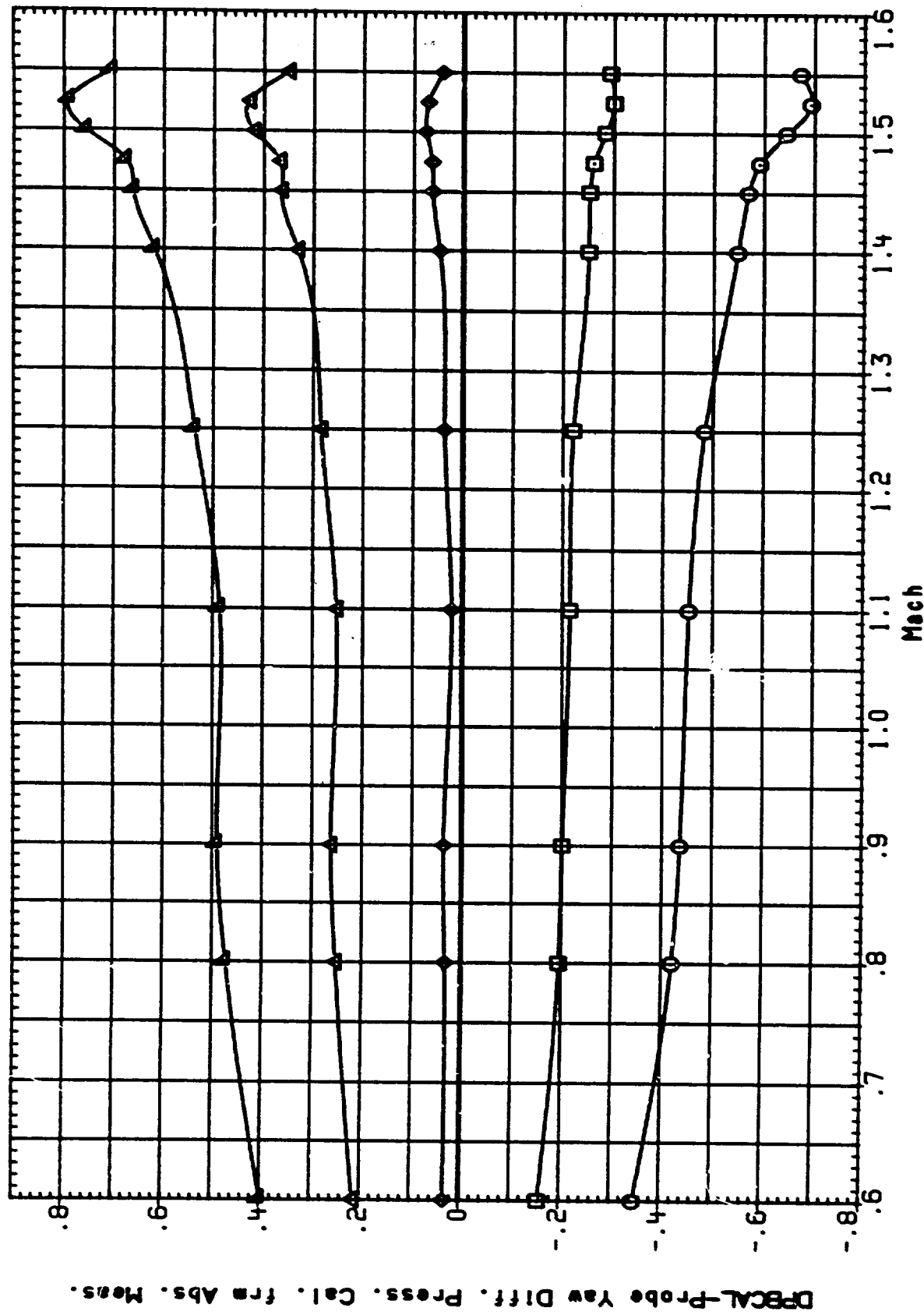


FIG. 2 AADS PROBE CALIBRATION - TEST SERIES 4 - MACH EFFECTS

(B) ALPHA = -4.00

DATE 22 OCT 91

DATA SET SYMBOL

UCH142
UCH145
UCH149
UCH153
UCH156

CONFIGURATION

IA310 (AEDC 16TF-783) PROBE CALIBRATION
IA310 (AEDC 16TF-783) PROBE CALIBRATION
IA310 (AEDC 16TF-783) PROBE CALIBRATION
IA310 (AEDC 16TF-783) PROBE CALIBRATION
IA310 (AEDC 16TF-783) PROBE CALIBRATION

BETA

-4.000
-2.000
2.000
4.000

PHI

180.000
180.000
180.000
180.000

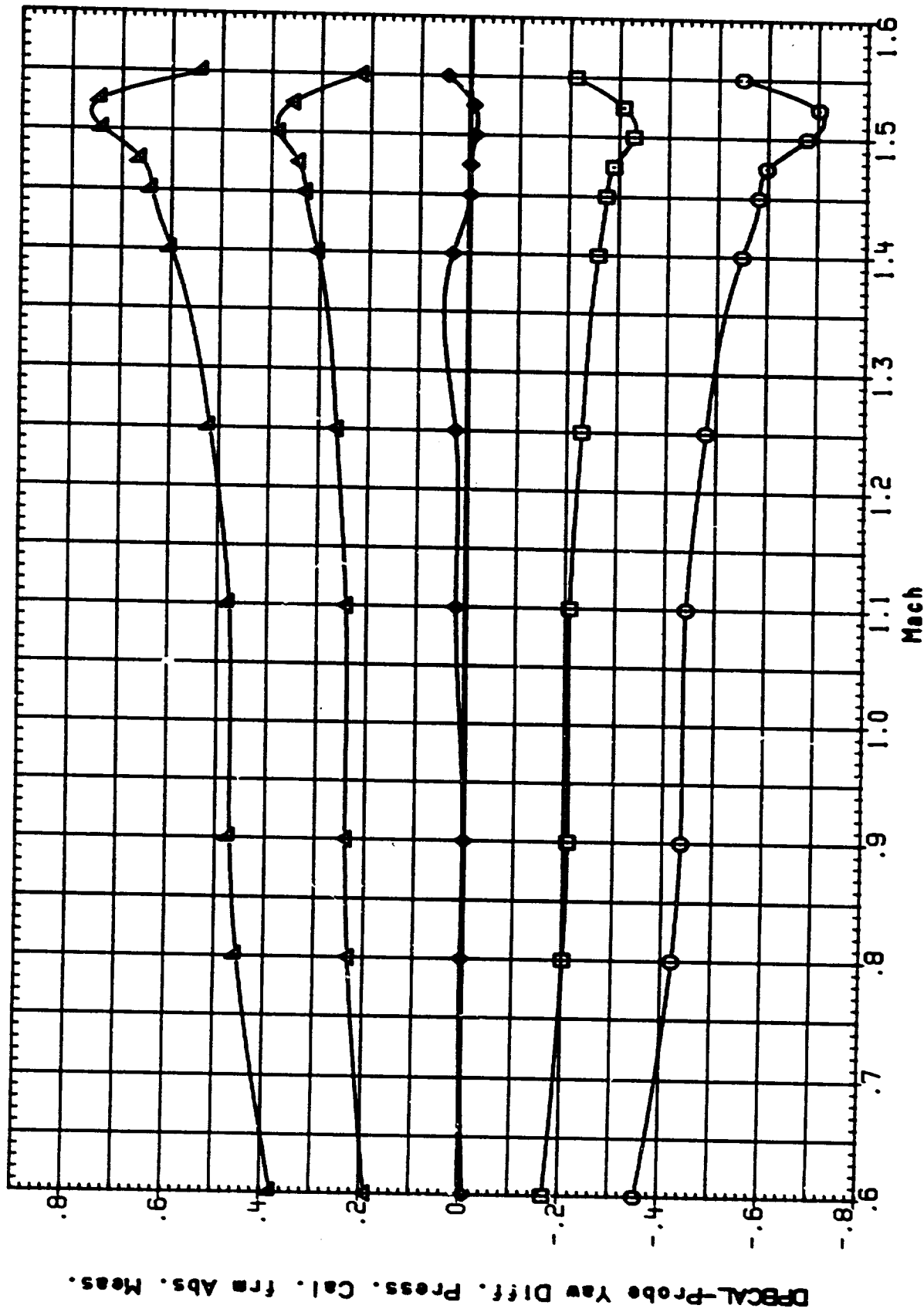


FIG. 2 AADS PROBE CALIBRATION - TEST SERIES 4 - MACH EFFECTS

ALPHA = .00

DATE 2 OCT 91

PAGE

APPENDIX
TABULATED SOURCE DATA

IA310 (AEDC 16TF-783) TABULATED DATA

PAGE

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF (RCM001) (03 OCT 91)

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 1102/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
.599	-8.006	.64397	.68270	.57080	.49672	.07797	.97712	1.01156	.94550	.88840	.52263
.599	-6.998	.66997	.70715	.59912	.52568	.10657	.95990	.99646	.92636	.86714	.49410
.600	-6.001	.69496	.73051	.62556	.55281	.13561	.94137	.97935	.90549	.84458	.46556
.599	-4.998	.71989	.75432	.65203	.57976	.16298	.92490	.96380	.88659	.82393	.43904
.599	-3.995	.74485	.78149	.68081	.60873	.19260	.90628	.94712	.86659	.80205	.41153
.600	-3.002	.76737	.80409	.70546	.63396	.22047	.88606	.92786	.84447	.77834	.38397
.600	-1.999	.79169	.83059	.73354	.66234	.24954	.86828	.91087	.82413	.75633	.35669
.600	-.995	.81291	.85470	.75899	.68882	.27886	.84855	.89129	.80176	.73190	.32823
.600	.009	.83383	.87531	.78275	.71360	.30674	.82942	.87107	.77814	.70653	.29940
.600	1.003	.85339	.89485	.80551	.73781	.33501	.80786	.84855	.75346	.68088	.27086
.600	2.001	.87407	.91549	.82883	.76176	.36441	.78645	.82479	.72951	.65610	.24327
.600	3.011	.89292	.93275	.84903	.78290	.39100	.76264	.79958	.70210	.62825	.21423
.600	4.005	.91314	.95316	.87076	.80782	.42029	.73951	.77635	.67622	.60169	.18527
.600	4.999	.93056	.96810	.89149	.82840	.44727	.71577	.75040	.64838	.57329	.15700
.600	6.003	.94780	.98416	.91089	.84986	.47527	.69063	.72584	.62101	.54565	.12853
.600	6.998	.96540	.99947	.92947	.87050	.50224	.66573	.70161	.59383	.51727	.09924
.600	7.996	.97943	1.01206	.94604	.88909	.52726	.63905	.67754	.56590	.48872	.07106
GRADIENT		.02098	.02137	.02393	.02485	.02845	-.02079	-.02136	-.02379	-.02505	-.02826

RUN NO. 1109/ 0 RN/L = 3.76 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
.800	-8.000	.72859	.76553	.65480	.57930	.29777	1.04808	1.08475	1.01752	.95910	.58706
.800	-6.987	.75257	.78787	.68103	.60593	.30072	1.03024	1.06911	.99835	.93763	.55842
.800	-5.995	.77549	.81094	.70691	.63261	.30125	1.01320	1.05404	.97954	.91714	.53095
.800	-4.981	.79970	.83557	.73341	.65944	.30086	.99559	1.03814	.96038	.89608	.50337
.800	-3.994	.82201	.85958	.75886	.68536	.29935	.97680	1.02063	.93956	.87378	.47455
.800	-2.997	.84430	.88320	.78475	.71189	.29891	.95949	1.00457	.92050	.85282	.44802
.800	-1.993	.86536	.90750	.81022	.73834	.31181	.93956	.98521	.89816	.82810	.41821
.800	-.989	.88818	.93149	.83661	.76554	.34280	.92722	.96773	.87745	.80539	.39130
.800	.014	.90664	.95044	.85864	.78860	.37004	.90204	.94693	.85369	.78040	.36193
.800	1.003	.92510	.96934	.88059	.81165	.39803	.88100	.92507	.82961	.75524	.33338
.800	2.006	.94560	.98893	.90299	.83544	.42690	.86168	.90244	.80591	.73095	.30577
.800	3.005	.96443	1.00734	.92436	.85770	.45501	.83953	.87835	.77993	.70411	.27675
.799	4.004	.98396	1.02553	.94583	.88036	.48313	.81767	.85561	.75405	.67739	.26040
.800	5.003	.99947	1.04013	.96393	.90005	.50967	.79340	.82984	.72714	.64999	.25997
.800	6.002	1.01660	1.05554	.98255	.92080	.53728	.77068	.80624	.70113	.62350	.25758
.800	7.012	1.03533	1.07232	1.00291	.94286	.56611	.74831	.78390	.67600	.59747	.25640
.800	8.001	1.05101	1.08612	1.02044	.96248	.59325	.72510	.76200	.65054	.57107	.25927
GRADIENT		.02038	.02109	.02362	.02460	.02218	-.01970	-.02032	-.02291	-.02431	-.02770

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF

(RCMO01) (03 OCT 91)

PARAMETRIC DATA

RUN NO. 1118/ 0		RN/L =		3.89		GRADIENT INTERVAL =		-5.00/ 5.00		BETA =		.000		PHI =		.000	
ALPHA	CPB	CPC1	CPC2	CPC3	CPC01	CPU	CPC4	CPC5	CPC6	CP02							
-8.002	.78908	.82497	.71669	.64257	.21307	1.09507	1.13222	1.06570	1.00840	.64205							
-6.993	.81309	.84786	.74286	.66954	.24163	1.07941	1.11858	1.04858	.98910	.61571							
-5.994	.83596	.87102	.76888	.69586	.26905	1.06356	1.10455	1.03119	.97009	.58958							
-4.990	.85842	.89422	.79351	.72101	.29584	1.04670	1.08931	1.01257	.94977	.56285							
-3.991	.88069	.91830	.81892	.74692	.32390	1.02889	1.07306	.99311	.92850	.53551							
-2.976	.90162	.94062	.84345	.77200	.35086	1.01088	1.05591	.97299	.90643	.50787							
-1.994	.92137	.96340	.86766	.79711	.37866	.99232	1.03790	.95234	.88354	.48088							
-.999	.94180	.98545	.89190	.82193	.40691	.97477	1.02032	.93151	.86089	.45373							
.020	.96017	1.00417	.91357	.84486	.43379	.95554	1.00063	.90894	.83709	.42586							
1.003	.97923	1.02284	.93525	.86748	.46108	.93635	.98004	.88606	.81328	.39834							
2.007	.99758	1.04128	.95642	.89019	.48865	.91600	.95716	.86227	.78884	.37064							
3.011	1.01579	1.05912	.97706	.91170	.51534	.89579	.93495	.83812	.76406	.34330							
4.007	1.03499	1.07719	.99827	.93413	.54377	.87569	.91413	.81426	.73919	.31636							
5.006	1.05082	1.09173	1.01600	.95333	.56916	.85305	.88955	.78848	.71285	.28791							
6.007	1.06744	1.10679	1.03414	.97332	.59530	.83094	.86647	.76338	.68726	.26059							
7.002	1.08396	1.12154	1.05240	.99325	.62241	.80890	.84369	.73815	.66158	.23345							
8.008	1.09924	1.13511	1.06929	1.01229	.64859	.78668	.82287	.71386	.63616	.20704							
GRADIENT	.01944	.02021	.02267	.02363	.02750	-.01899	-.01959	-.02210	-.02346	-.02744							

RUN NO. 1147/ O		RN/L =		3.00		GRADIENT INTERVAL = -5.00/ 5.00					
MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPC01	CPU	CPC4	CPC5	CPC6	CP02
1.099	-7.994	.94467	.97716	.87666	.80697	.42799	1.22014	1.25511	1.19315	1.13939	.80287
1.100	-6.977	.96680	.99763	.90056	.83144	.44394	1.20650	1.24337	1.17801	1.12251	.77887
1.100	-5.998	.98709	1.01842	.92381	.85472	.46804	1.19236	1.23099	1.16272	1.10528	.75565
1.100	-4.975	.97589	1.00888	.91596	.84747	.46200	1.14601	1.18641	1.11493	1.05612	.70105
1.100	-3.975	1.02605	1.06060	.96912	.90114	.51679	1.16001	1.20138	1.12695	1.06641	.70605
GRADIENT		.05017	.05174	.05316	.05368	.05480	.01400	.01497	.01202	.01029	.00501

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF (RCMO01) (03 OCT 91)

PARAMETRIC DATA

MACH		ALPHA		CPB		CPC1		CPC2		CPC3		CPC4		CPU		CPC5		CPC6		CPO2	
1.250		-7.997		1.01332		1.04947		.94660		.87555		.48697		1.29469		1.26693		1.21010		.86534	
1.250		-6.985		1.03342		1.06894		.96943		.89875		.51118		1.27863		1.25007		1.19168		.84050	
1.250		-5.989		1.05350		1.08975		.99233		.92188		.53523		1.26304		1.23357		1.17350		.81664	
1.250		-4.990		1.07276		1.11085		1.01466		.94458		.55905		1.24696		1.21615		1.15431		.79283	
1.249		-3.978		1.09313		1.13269		1.03799		.96833		.58398		1.23002		1.19707		1.13369		.76750	
1.250		-2.987		1.11240		1.15385		1.06018		.99155		.60797		1.21352		1.17836		1.11370		.74410	
1.250		-1.988		1.13095		1.17559		1.08292		1.01442		.63242		1.19629		1.15948		1.09339		.72030	
1.250		-.985		1.14922		1.19475		1.10437		1.03714		.65739		1.17882		1.13967		1.07177		.69604	
1.250		.029		1.16696		1.21245		1.12465		1.05828		.68128		1.16201		1.11972		1.05053		.67257	
1.250		1.019		1.18483		1.23084		1.14491		1.07941		.70536		1.14439		1.09832		1.02831		.64849	
1.250		2.017		1.20200		1.24820		1.16506		1.10016		.72916		1.12632		1.07675		1.00624		.62452	
1.251		3.012		1.21840		1.26417		1.18413		1.12010		.75290		1.10771		1.05446		.98387		.60102	
1.250		3.971		1.23420		1.27893		1.20171		1.13929		.77601		1.08824		1.03294		.96144		.57706	
		GRADIENT		.01796		.01876		.02088		.02171		.02420		-.01757		-.02040		-.02149		-.02396	

BETA = .000 PHI = .000

GRADIENT INTERVAL = -5.00/ 5.00

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF

(RCMO02) (03 OCT 91)

PARAMETRIC DATA

RUN NO. 1103/ 0		RN/L =		3.20		GRADIENT INTERVAL =		-5.00/ 5.00		BETA =		.000		PHI =		.000	
MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2						
.599	-8.006	.64326	.68190	.57020	.49605	.07764	.97604	1.01046	.94427	.88710	.52154						
.599	-6.994	.66860	.70538	.59744	.52401	.10567	.95870	.99497	.92494	.86576	.49311						
.599	-5.996	.69515	.73041	.62543	.55252	.13530	.94252	.98000	.90632	.84529	.46626						
.599	-4.999	.71968	.75440	.65210	.57972	.16361	.92480	.96412	.88702	.82440	.44008						
.599	-4.000	.74482	.78104	.68049	.60853	.19273	.90686	.94788	.86730	.80276	.41265						
.600	-3.003	.76717	.80385	.70528	.63370	.22004	.88670	.92861	.84502	.77899	.38463						
.600	-1.999	.79173	.83085	.73365	.66247	.24943	.86800	.91084	.82412	.75631	.35630						
.600	-1.000	.81346	.85507	.75965	.68934	.27908	.84889	.89150	.80180	.73191	.32817						
.600	.014	.83294	.87469	.78230	.71334	.30689	.82804	.87023	.77729	.70579	.29931						
.600	1.002	.85350	.89528	.80605	.73834	.33557	.80796	.84889	.75377	.68117	.27129						
.601	2.001	.87340	.91426	.82782	.76058	.36356	.78587	.82393	.72860	.65524	.24302						
.601	3.005	.89305	.93315	.84953	.78314	.39119	.76249	.79312	.70178	.62786	.21370						
.601	4.010	.91172	.95093	.87081	.80606	.41947	.73800	.77393	.67416	.59974	.18460						
.601	5.004	.92977	.96748	.89091	.82789	.44683	.71516	.74996	.64800	.57291	.15695						
.600	6.003	.94743	.98384	.91054	.84938	.47473	.69028	.72539	.62053	.54511	.12811						
.599	6.997	.96581	1.00042	.93049	.87147	.50312	.66612	.70252	.59465	.51811	.09999						
.600	7.997	.97904	1.01166	.94571	.88866	.52750	.63893	.67729	.56571	.48856	.07117						
GRADIENT		.02120	.02179	.02424	.02510	.02843	-.02057	-.02109	-.02357	-.02493	-.02836						

RUN NO. 1111/ 0		RN/L = 3.76		GRADIENT INTERVAL = -5.00/ 5.00							
MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
.800	-8.005	.72805	.76515	.65411	.57863	.29898	1.04704	1.08381	1.01649	.95837	.58672
.800	-6.986	.75213	.78754	.68048	.60545	.29816	1.02957	1.06856	.99770	.93720	.55806
.800	-5.995	.77600	.81140	.70709	.63270	.29840	1.01361	1.05442	.97975	.91759	.53145
.800	-5.003	.79941	.83536	.73292	.65881	.29812	.99579	1.03831	.96044	.89636	.50383
.800	-3.989	.82286	.86059	.75957	.68605	.29790	.97749	1.02147	.94023	.87467	.47550
.800	-2.997	.84550	.88428	.78562	.71291	.29891	.96023	1.00487	.92061	.85312	.44838
.800	-1.999	.86662	.90856	.81109	.73917	.31318	.94088	.98526	.89912	.82929	.41964
.800	-.989	.88834	.93159	.83656	.76557	.34340	.92269	.96770	.87734	.80552	.39181
.800	.025	.90705	.95129	.85930	.78935	.37156	.90229	.94742	.85416	.78108	.36314
.799	1.008	.92575	.96981	.88081	.81197	.39855	.88152	.92527	.82962	.75539	.33379
.799	2.007	.94602	.98952	.90331	.83586	.42768	.86134	.90224	.80557	.73073	.30557
.800	3.005	.96463	1.00761	.92430	.85778	.45512	.84003	.87883	.78034	.70478	.27743
.800	4.020	.98335	1.02486	.94507	.87985	.48387	.81693	.85486	.75352	.67712	.25757
.800	5.003	1.00053	1.04116	.96470	.90087	.51085	.79431	.83060	.72779	.65075	.25714
.799	6.018	1.01799	1.05698	.98367	.92189	.53830	.77130	.80677	.70144	.62382	.25742
.799	7.002	1.03287	1.06998	1.00031	.94046	.56434	.74584	.78165	.67370	.59540	.25628
.800	7.995	1.05015	1.08544	1.01949	.96157	.59248	.72446	.76174	.65017	.57093	.25890
GRADIENT		.01991	.02044	.02309	.02414	.02493	-.02004	-.02090	-.02336	-.02469	-.02782

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF

(RCM002) (03 OCT 91)

PARAMETRIC DATA

MACH		ALPHA		CPB		CPC1		CPC2		CPC3		CPO1		CPU		CPC4		CPC5		CPC6		CPO2	
1.099		-8.010		.94377		.97629		.87572		.80609		.41757		1.21975		1.25471		1.19289		1.13912		.80251	
1.100		-6.971		.96751		.99821		.90122		.83185		.44442		1.20657		1.24345		1.17811		1.12235		.77880	
1.100		-5.993		.98659		1.01786		.92323		.85431		.46737		1.19186		1.23043		1.16186		1.10466		.75500	
1.100		-4.996		1.00558		1.03860		.94581		.87696		.49131		1.17622		1.21644		1.14506		1.08618		.73106	
1.100		-3.973		1.02554		1.06014		.96872		.90073		.51627		1.15955		1.20096		1.12646		1.06590		.70553	
1.100		-2.982		1.04473		1.08039		.99085		.92388		.54090		1.14371		1.18584		1.10852		1.04669		.68170	
1.100		-2.001		1.06416		1.10272		1.01377		.94721		.56573		1.12777		1.17035		1.09032		1.02658		.65756	
1.100		-.979		1.08181		1.12190		1.03511		.96943		.59124		1.11052		1.15272		1.06976		1.00446		.63193	
1.100		.003		1.09761		1.13870		1.05458		.98982		.61435		1.09446		1.13601		1.05069		.98388		.60839	
1.100		1.004		1.11500		1.15636		1.07484		1.01137		.63971		1.07714		1.11711		1.03011		.96228		.58356	
1.099		2.015		1.13104		1.17235		1.09366		1.03104		.66355		1.05846		1.09548		.98568		.91669		.53379	
1.100		3.022		1.14795		1.18899		1.11294		1.05133		.68862		1.04082		1.07630		.96270		.89304		.50867	
1.099		4.009		1.16350		1.20345		1.13001		1.06994		.71223		1.02061		1.05525		.94050		.87035		.48460	
1.100		5.026		1.18018		1.21859		1.14819		1.08953		.73747		1.00147		1.03401		.91785		.84745		.46065	
1.100		6.005		1.19443		1.23175		1.16398		1.10694		.76042		.98163		1.01327		.89509		.82380		.43640	
1.100		7.008		1.20962		1.24530		1.18079		1.12542		.78528		.96192		.99328		.87266		.80053		.41248	
1.099		8.009		1.22308		1.25695		1.19599		1.14248		.80828		.94262		.97435		.87266		.80053		.41248	
GRADIENT				.01744		.01832		.02051		.02145		.02457		-.01713		-.01789		-.02020		-.02143		-.02466	

BETA =

.000 PHI =

.000

RUN NO. 1148/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF

(RCMO03) (03 OCT 91)

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 1108/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CP01	CPU	CPC4	CPC5	CPC6	CP02
.599	-8.006	.64325	.68173	.57121	.49708	.07843	.95785	1.01050	.94455	.88691	.52186
.600	-6.993	.66885	.70583	.59905	.52558	.10742	.95874	.99512	.92537	.86573	.49427
.600	-5.996	.69472	.72969	.62592	.55298	.13560	.94235	.98007	.90642	.84499	.46661
.599	-5.004	.72075	.75530	.65398	.58153	.16370	.92676	.96625	.88908	.82570	.44078
.600	-3.995	.74471	.78066	.68129	.60946	.19315	.90599	.94687	.86664	.80159	.41206
.600	-2.997	.76786	.80467	.70712	.63525	.22083	.88675	.92919	.84566	.77895	.38435
.600	-2.004	.79149	.83055	.73449	.66310	.24949	.86869	.91190	.82520	.75668	.35697
.600	-1.000	.81355	.85489	.76020	.68981	.27912	.84964	.89209	.80252	.73202	.32841
.600	.009	.83336	.87495	.78364	.71433	.30732	.82928	.87155	.77884	.70665	.30018
.601	1.002	.85335	.89477	.80670	.73880	.33610	.80827	.84933	.75424	.68123	.27196
.601	2.001	.87371	.91462	.82899	.76151	.36345	.78679	.82510	.72976	.65578	.24325
.601	3.000	.89351	.93348	.85088	.78435	.39193	.76298	.79999	.70261	.62808	.21433
.601	4.005	.91275	.95168	.87245	.80734	.41975	.73947	.77581	.67584	.60077	.18524
.601	5.004	.92990	.96762	.89209	.82878	.44746	.71521	.75023	.64837	.57272	.15711
.601	6.008	.94712	.98326	.91112	.84987	.47510	.69039	.72561	.62092	.54494	.12863
.600	6.997	.96449	.99869	.92999	.87077	.50249	.66522	.70159	.59399	.51695	.09949
.600	8.002	.98034	1.01265	.94786	.89052	.52867	.63948	.67815	.56650	.48859	.07103
GRADIENT		.02089	.02131	.02386	.02474	.02841	-.02071	-.02147	-.02386	-.02514	-.02835

RUN NO. 1112/ 0 RN/L = 3.75 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CP01	CPU	CPC4	CPC5	CPC6	CP02
.800	-8.005	.72723	.76448	.65342	.57805	.14871	1.04632	1.08348	1.01615	.95787	.58626
.800	-6.992	.75345	.78906	.68195	.60712	.17142	1.03083	1.07027	.99931	.93875	.55967
.800	-5.995	.77609	.81173	.70737	.63304	.19835	1.01368	1.05468	.98012	.91793	.53180
.800	-4.982	.80092	.83661	.73425	.66011	.22768	.99686	1.03927	.96117	.89718	.50444
.800	-3.983	.82329	.86099	.76008	.68636	.25604	.97714	1.02135	.94005	.87446	.47501
.799	-2.996	.84467	.88340	.78474	.71217	.28360	.95862	1.00350	.91923	.85188	.44688
.800	-1.993	.86749	.90949	.81225	.74004	.31380	.94107	.98660	.89936	.82949	.41977
.800	-1.000	.88685	.93046	.83556	.76456	.34242	.92104	.96649	.87617	.80459	.39072
.800	.015	.90699	.95085	.85913	.78910	.37135	.90247	.94735	.85412	.78104	.36308
.800	1.013	.92637	.97002	.88120	.81259	.39918	.88154	.92521	.82959	.75543	.33372
.800	2.006	.94713	.99071	.90458	.83709	.42850	.86305	.90412	.80744	.73259	.30708
.799	3.004	.96438	1.00730	.92408	.85765	.45509	.83978	.87893	.78020	.70465	.27741
.800	4.010	.98311	1.02494	.94512	.87981	.48389	.81715	.85561	.75400	.67757	.24821
.800	5.003	1.00151	1.04219	.96560	.90193	.51187	.79575	.83216	.72917	.65222	.22073
.800	6.002	1.01841	1.05726	.98390	.92211	.53847	.77238	.80785	.70263	.62500	.19156
.800	7.012	1.03424	1.07139	1.00171	.94166	.56575	.74721	.78275	.67465	.59649	.16156
.800	8.000	1.04947	1.08500	1.01887	.96085	.59176	.72357	.76088	.64901	.56989	.13357
GRADIENT		.02023	.02097	.02350	.02452	.02856	-.01974	-.02032	-.02289	-.02430	-.02835

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF (RCM003) (03 OCT 91)

PARAMETRIC DATA

	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
MACH											
1.099	-7.994	.94491	.97730	.87681	.80707	.41866	1.22050	1.25545	1.19372	1.13981	.80318
1.100	-6.988	.96725	.99783	.90072	.83133	.44398	1.20703	1.24378	1.17866	1.12281	.77939
1.100	-5.988	.98703	1.01804	.92356	.85458	.46775	1.19213	1.23068	1.16230	1.10495	.75526
1.100	-4.990	1.00616	1.03916	.94622	.87742	.49160	1.17688	1.21696	1.14571	1.08661	.73139
1.100	-3.991	1.02573	1.06020	.96886	.90083	.51663	1.16007	1.20137	1.12712	1.06652	.70629
1.100	-2.980	1.04519	1.08063	.99098	.92392	.54106	1.14411	1.18610	1.10889	1.04693	.68162
1.100	-1.980	1.06439	1.10309	1.01407	.94749	.56614	1.12744	1.16984	1.08997	1.02613	.65705
1.100	-.993	1.08123	1.12126	1.03441	.96864	.59052	1.11065	1.15281	1.07003	1.00461	.63219
1.099	.021	1.09805	1.13886	1.05474	.98993	.61466	1.09424	1.13550	1.05021	.98323	.60741
1.100	.990	1.11462	1.15603	1.07431	1.01086	.63926	1.07738	1.11710	1.03020	.96245	.58363
1.100	2.010	1.13139	1.17274	1.09405	1.03140	.66385	1.05937	1.09633	1.00820	.93984	.55866
1.100	3.016	1.14776	1.18877	1.11269	1.05114	.68847	1.04087	1.07619	.98579	.91678	.53389
1.100	4.019	1.16415	1.20400	1.13067	1.07053	.71313	1.02090	1.05543	.96294	.89334	.50887
1.100	5.014	1.18010	1.21857	1.14811	1.08935	.73722	1.00191	1.03450	.94106	.87088	.48487
1.099	6.010	1.19540	1.23249	1.16499	1.10786	.76132	.98229	1.01389	.91857	.84798	.46094
1.100	7.007	1.21001	1.24561	1.18109	1.12571	.78555	.96251	.99365	.89561	.82424	.43675
1.099	8.004	1.22333	1.25720	1.19611	1.14256	.80825	.94287	.97453	.87290	.80064	.41242
GRADIENT		.01742	.01830	.02050	.02145	.02457	-.01714	-.01791	-.02022	-.02143	-.02466

BETA = .000 PHI = .000

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF

(RCMO04) (03 OCT 91)

PARAMETRIC DATA

MACH		ALPHA		CPB		CPC1		CPC2		CPC3		CPC01		CPU		CPC4		CPC5		CPC6		CPC02	
.800		-8.006		.72768		.76438		.65388		.57822		.14114		1.04623		1.08331		1.01610		.95777		.58652	
.800		-6.987		.75256		.78793		.68105		.60617		.17045		1.02996		1.06919		.99790		.93760		.55858	
.800		-5.995		.77631		.81132		.70754		.63294		.19899		1.01355		1.05450		.97991		.91760		.53184	
.800		-4.992		.80072		.83686		.73457		.66046		.22793		.99682		1.03968		.96169		.89773		.50495	
.800		-3.994		.82275		.86007		.75964		.68597		.25588		.97721		1.02138		.93996		.87431		.47541	
.800		-2.997		.84462		.88371		.78518		.71249		.28435		.95930		1.00450		.92014		.85273		.44829	
.800		-1.988		.86744		.90908		.81203		.74021		.31434		.94078		.98613		.89870		.82885		.41938	
.800		-.984		.88750		.93123		.83643		.76530		.34330		.92154		.96715		.87668		.80494		.39105	
.800		.014		.90760		.95118		.85945		.78949		.37150		.90277		.94768		.85426		.78124		.36338	
.800		1.008		.92667		.97052		.88186		.81290		.39992		.88232		.92636		.83050		.75652		.33462	
.800		2.017		.94715		.99060		.90461		.83721		.42919		.86211		.90311		.80632		.73161		.30673	
.800		3.016		.96460		1.00737		.92438		.85783		.45571		.83920		.87834		.77973		.70430		.27668	
.800		4.004		.98354		1.02533		.94559		.88024		.48397		.81746		.85581		.75430		.67782		.24820	
.800		5.003		1.00017		1.04069		.96423		.90049		.51062		.79440		.83096		.72802		.65091		.21949	
.800		6.002		1.01847		1.05736		.98441		.92238		.53921		.77239		.80812		.70292		.62522		.19208	
.799		7.001		1.03416		1.07142		1.00170		.94177		.56539		.74752		.78335		.67500		.59687		.16159	
.800		8.000		1.04995		1.08538		1.01930		.96130		.59235		.72374		.76118		.64946		.57012		.13360	
.800		GRADIENT		.02029		.02100		.02352		.02451		.02854		-.01975		-.02036		-.02292		-.02432		-.02842	

BETA = .000 PHI = .000

GRADIENT INTERVAL = -5.00/ 5.00

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF (RCM005) (03 OCT 91)

PARAMETRIC DATA

$$\text{BETA} = .000 \quad \text{PHI} = 180.000$$

RUN NO.	1105/ 0	RN/L =	3.20	GRADIENT INTERVAL =	-5.00/ 5.00
---------	---------	--------	------	---------------------	-------------

[illegible]

RUN NO.	1115/ 0	RN/L =	3.75	GRADIENT INTERVAL =	-5.00/ 5.00
---------	---------	--------	------	---------------------	-------------

[illegible]

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF

(RCMO05) (03 OCT 91)

PARAMETRIC DATA

MACH		ALPHA		CPB		CPC1		CPC2		CPC3		CPO1		CPU		CPC4		CPC5		CPC6		CPO2	
.900		7.993		1.09670		1.13321		1.06685		1.00950		.64488		.78964		.82516		.71635		.63894		.20885	
.900		6.979		1.08094		1.11925		1.04932		.98993		.61830		.81279		.84743		.74215		.66606		.23723	
.900		5.991		1.06520		1.10497		1.03165		.97074		.59265		.83526		.87031		.76751		.69210		.26475	
.900		4.998		1.04879		1.09019		1.01368		.95104		.56642		.85704		.89380		.79263		.71765		.29155	
.900		3.993		1.03026		1.07284		.99323		.92926		.53829		.87847		.91702		.81702		.74273		.31900	
.900		2.990		1.01337		1.05703		.97451		.90944		.51221		.90055		.93959		.84255		.76898		.34744	
.900		1.996		.99463		1.03907		.95362		.88740		.48469		.92034		.96205		.86705		.79374		.37474	
.900		.991		.97566		1.01994		.93143		.86365		.45672		.93990		.98383		.89032		.81780		.40263	
.900		- .017		.95671		1.00090		.90951		.84069		.42937		.95873		1.00426		.91299		.84157		.43010	
.900		-1.006		.93790		.98114		.88720		.81729		.40239		.97774		1.02326		.93497		.86483		.45776	
.900		-2.004		.91786		.96023		.86374		.79316		.37441		.99640		1.04146		.95596		.88739		.48460	
.900		-3.009		.89749		.93674		.83950		.76840		.34708		1.01392		1.05848		.97592		.90969		.51163	
.899		-4.009		.87699		.91380		.81481		.74333		.29193		1.04940		1.09179		1.01563		.95313		.56523	
.899		-5.014		.85463		.89058		.78938		.71724		.29193		1.06599		1.10688		1.03397		.97315		.59276	
.899		-6.009		.83212		.86752		.76460		.69171		.26493		1.08240		1.12141		1.05196		.99285		.61999	
.900		-7.005		.80960		.84483		.73909		.66585		.23792		1.09768		1.13459		1.06861		1.01161		.64579	
.900		-8.005		.78729		.82371		.71470		.64069		.21117		1.09768		1.13459		1.06861		1.01161		.64579	
.900		GRADIENT		.00000		.00000		.00000		.00000		.00000		.00000		.00000		.00000		.00000		.00000	

BETA =
5.00

.000 PHI = 180.000

RUN NO. 1150/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CP02
1.100	7.987	1.22203	1.25627	1.19465	1.14105	.80605	.94541	.97700	.87581	.80387	.41515
1.100	6.992	1.20788	1.24384	1.17895	1.12342	.78204	.96576	.93655	.82788	.43995	
1.100	5.981	1.19289	1.23054	1.16268	1.10550	.75773	.98586	1.01743	.92226	.85190	
1.100	4.999	1.17823	1.21697	1.14619	1.08728	.73414	1.00505	1.03793	.94450	.87436	
1.100	3.995	1.16180	1.20190	1.12797	1.06760	.70930	1.02475	1.05978	.96739	.89797	
1.100	2.990	1.14493	1.18609	1.10955	1.04789	.68472	1.04361	1.07920	.98914	.92027	
1.099	1.989	1.12829	1.16969	1.09045	1.02789	.66001	1.06200	1.09930	1.01128	.94294	
1.100	.990	1.11210	1.15379	1.07169	1.00802	.63593	1.08091	1.12096	1.03410	.96622	
1.100	-.025	1.09460	1.13555	1.05120	.98635	.61097	1.09768	1.13920	1.05423	.98747	
1.100	-.994	1.07861	1.11844	1.03163	.96600	.58756	1.11404	1.15631	1.07390	1.00865	
1.100	-2.012	1.06024	1.09862	1.00966	.94301	.56183	1.12967	1.17214	1.09279	1.02923	
1.099	-3.007	1.04173	1.07702	.98742	.92036	.53752	1.14583	1.18798	1.11233	1.04949	
1.099	-4.016	1.02162	1.05592	.96440	.89649	.51215	1.16250	1.20390	1.13015	1.06987	
1.099	-5.006	1.00232	1.03491	.94201	.87379	.48849	1.17819	1.21802	1.14712	1.08834	
1.100	-6.007	.98282	1.01414	.91949	.85077	.46428	1.19384	1.23214	1.16399	1.10689	
1.100	-7.008	.96323	.99418	.89666	.82739	.44012	1.20864	1.24533	1.18058	1.12493	
1.100	-8.005	.94273	.97538	.87444	.80459	.41631	1.22241	1.25737	1.19606	1.14238	
GRADIENT		.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF

(RCMO05) (03 OCT 91)

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 1161/ 0 RN/L = 2.99 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.250	7.989	1.29587	1.33286	1.26690	1.21067	.86773	1.01287	1.04903	.94542	.87233	.48385
1.250	6.983	1.28005	1.31961	1.25049	1.19247	.84330	1.03239	1.06881	.96820	.89614	.50808
1.249	5.992	1.26381	1.30506	1.23291	1.17326	.81858	1.05186	1.08862	.99037	.91858	.53147
1.250	4.988	1.24854	1.29146	1.21629	1.15489	.79542	1.07177	1.11043	1.01346	.94209	.55585
1.250	3.993	1.23140	1.27632	1.19768	1.13464	.77073	1.09177	1.13187	1.03642	.96533	.58057
1.250	2.981	1.21468	1.25956	1.17855	1.11464	.74705	1.11148	1.15213	1.05882	.98846	.60502
1.250	1.992	1.19706	1.24314	1.15959	1.09530	.72339	1.12970	1.17341	1.08172	1.01131	.62932
1.250	.988	1.18000	1.22654	1.14056	1.07484	.69984	1.14807	1.19394	1.10346	1.03413	.65405
1.250	-.014	1.16290	1.20923	1.12016	1.05338	.67592	1.16567	1.21221	1.12372	1.05545	.67795
1.250	-1.015	1.14622	1.19107	1.09960	1.03185	.65247	1.18462	1.23135	1.14478	1.07736	.70278
1.250	-2.013	1.12753	1.17141	1.07789	1.00949	.62785	1.20072	1.24803	1.16439	1.09836	.72584
1.250	-3.008	1.10878	1.14956	1.05597	.98740	.60407	1.21696	1.26405	1.18357	1.11909	.74958
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF

(RCMO06) (03 OCT 91)

PARAMETRIC DATA

ALPHA = .000 PHI = 90.000

RUN NO. 1106/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
.599	-3.996	.80632	.84641	.76238	.69759	.29723	.79786	.84082	.75448	.68645	.28415
.600	-2.990	.81999	.85983	.77288	.70616	.30390	.81109	.85325	.76436	.69446	.29025
.599	-1.995	.83018	.87017	.78096	.71312	.30762	.82089	.86287	.77208	.70050	.29406
.600	-.996	.83433	.87513	.78411	.71576	.31002	.82556	.86765	.77551	.70366	.29726
.600	.010	.83521	.87739	.78638	.71760	.31158	.82643	.86922	.77669	.70492	.29853
.600	1.007	.83255	.87558	.78470	.71584	.31031	.82527	.86831	.77615	.70477	.29804
.600	1.997	.82413	.86791	.77847	.71023	.30719	.81694	.86071	.76994	.69986	.29457
.601	2.992	.81278	.85779	.77016	.70233	.30299	.80648	.85137	.76212	.69407	.29075
.601	3.989	.79791	.84376	.75890	.69146	.29693	.79037	.83702	.75069	.68447	.28456
	GRADIENT	-.00115	-.00034	-.00044	-.00069	-.00007	-.00086	-.00040	-.00042	-.00015	.00009

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF

(RCM006) (03 OCT 91)

PARAMETRIC DATA

ALPHA = .000 PHI = 90.000

RUN NO. 1113/ O		RN/L = 3.75		GRADIENT INTERVAL = -5.00/ 5.00		CPC1		CPC2		CPC3		CPC4		CPU		CPC5		CPC6		CPC7	
BETA	CPB	CPC1	CPC2	CPC3	CPC4	CPC5	CPC6	CPC7	CPC8	CPC9	CPC10	CPC11	CPC12	CPC13	CPC14	CPC15	CPC16	CPC17	CPC18	CPC19	CPC20
-3.992	.88119	.92237	.83786	.77217	.35920	.87456	.91915	.34813	.83212	.76240	.34813	.83212	.76240	.34813	.83212	.76240	.34813	.83212	.76240	.34813	.83212
-2.987	.89462	.93574	.84842	.78095	.36585	.88754	.93163	.35479	.84263	.77071	.35479	.84263	.77071	.35479	.84263	.77071	.35479	.84263	.77071	.35479	.84263
-1.977	.90339	.94556	.85571	.78684	.37021	.89640	.94088	.35960	.84954	.77672	.35960	.84954	.77672	.35960	.84954	.77672	.35960	.84954	.77672	.35960	.84954
-.989	.90674	.95019	.85884	.78930	.37222	.89949	.94457	.36135	.85198	.77917	.36135	.85198	.77917	.36135	.85198	.77917	.36135	.85198	.77917	.36135	.85198
.016	.90770	.95171	.86020	.79035	.37278	.90111	.94644	.36225	.85344	.78069	.36225	.85344	.78069	.36225	.85344	.78069	.36225	.85344	.78069	.36225	.85344
1.001	.90432	.94956	.85829	.78838	.37162	.89882	.94439	.36092	.85162	.77924	.36092	.85162	.77924	.36092	.85162	.77924	.36092	.85162	.77924	.36092	.85162
2.003	.89851	.94401	.85406	.78456	.36961	.89326	.93918	.35863	.84775	.77609	.35863	.84775	.77609	.35863	.84775	.77609	.35863	.84775	.77609	.35863	.84775
3.002	.88800	.93404	.84597	.77739	.36498	.88341	.93001	.35492	.84036	.77059	.35492	.84036	.77059	.35492	.84036	.77059	.35492	.84036	.77059	.35492	.84036
3.990	.87608	.92306	.83722	.76931	.36085	.87086	.91874	.35056	.83120	.76387	.35056	.83120	.76387	.35056	.83120	.76387	.35056	.83120	.76387	.35056	.83120
GRADIENT	-.00087	-.00009	-.00022	-.00046	-.00004	-.00056	-.00016	-.00013	-.00024	.00008	-.00013	-.00024	.00008	-.00013	-.00024	.00008	-.00013	-.00024	.00008	-.00013	-.00024

RUN NO. 1120/ O		RN/L =		3.89		GRADIENT INTERVAL =		-5.00/ 5.00		CPC5		CPC6		CPO2	
BETA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPC7	CPC8	CPC9	CPC10	CPC11	CPC12
-3.986	.93744	.97860	.89465	.82995	.42401	.93079	.97468	.88896	.82020	.41280	.88896	.82020	.41280	.88896	.82020
-2.981	.94982	.99105	.90454	.83809	.43013	.94239	.98627	.89854	.82768	.41871	.89854	.82768	.41871	.89854	.82768
-1.982	.95737	.99943	.91044	.84281	.43302	.94968	.99407	.90406	.83259	.42208	.90406	.83259	.42208	.90406	.83259
-.983	.96095	1.00427	.91370	.84543	.43480	.95329	.99818	.90697	.83536	.42384	.90697	.83536	.42384	.90697	.83536
.012	.96137	1.00571	.91497	.84637	.43565	.95428	.99991	.90831	.83684	.42500	.90831	.83684	.42500	.90831	.83684
1.002	.95854	1.00396	.91352	.84489	.43499	.95260	.99840	.90707	.83590	.42415	.90707	.83590	.42415	.90707	.83590
1.998	.95253	.99824	.90907	.84073	.43253	.94731	.99307	.90283	.83239	.42169	.90283	.83239	.42169	.90283	.83239
3.003	.94347	.98958	.90224	.83471	.42918	.93822	.98460	.89634	.82746	.41860	.89634	.82746	.41860	.89634	.82746
3.993	.93157	.97841	.89314	.82623	.42417	.92582	.97339	.88719	.82069	.41378	.88719	.82069	.41378	.88719	.82069
GRADIENT	-.00091	-.00013	-.00026	-.00050	-.00005	-.00063	-.00020	-.00027	.00003	-.00020	-.00027	.00003	-.00020	-.00027	.00003

RUN NO. 1151/ O		RN/L =		3.00		GRADIENT INTERVAL =		-5.00/ 5.00		CPC5		CPC6		CPC2	
BETA	CPB	CPC1	CPC2	CPC3	CP01	CPU	CPC4	CPC5	CPC6	CP02					
-3.983	1.07697	1.11490	1.03672	.97493	.60474	1.07410	1.11481	1.03497	.97099	59927					
-2.982	1.08582	1.12408	1.04369	.98056	.60851	1.08263	1.12337	1.04166	.97642	60304					
-1.980	1.09329	1.13229	1.04997	.98606	.61207	1.08976	1.13091	1.04745	.98106	60663					
-.995	1.09715	1.13759	1.05371	.98916	.61395	1.09383	1.13546	1.05086	.98408	60851					
.021	1.09723	1.13861	1.05476	.99007	.61503	1.09486	1.13683	1.05181	.98513	60940					
1.005	1.09492	1.13721	1.05363	.98902	.61479	1.09305	1.13494	1.05006	.98362	60823					
2.016	1.08978	1.13191	1.04927	.98505	.61227	1.08792	1.12982	1.04620	.98078	60618					
3.005	1.08196	1.12435	1.04307	.97917	.60908	1.07980	1.12272	1.04059	.97656	60350					
4.001	1.07161	1.11442	1.03515	.97164	.60474	1.06794	1.11182	1.03161	.96914	59830					
GRADIENT	-.00070	-.00004	-.00016	-.00032	.00005	-.00063	-.00028	-.00033	-.00013	-.00005					

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF

(RCM006) (03 OCT 91)

PARAMETRIC DATA

ALPHA = .000 PHI = 90.000

RUN NO. 1162/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.250	-3.987	1.14713	1.18975	1.10721	1.04368	.67170	1.14221	1.18754	1.10380	1.03810	.66333
1.250	-2.967	1.15724	1.20037	1.11531	1.05067	.67627	1.15188	1.19756	1.11154	1.04424	.66797
1.250	-1.988	1.16282	1.20681	1.12009	1.05477	.67922	1.15707	1.20342	1.11600	1.04771	.67075
1.250	-.984	1.16654	1.21143	1.12355	1.05749	.68147	1.16084	1.20785	1.11943	1.05091	.67322
1.250	.02	1.16703	1.21287	1.12471	1.05837	.68222	1.16239	1.20997	1.12096	1.05237	.67398
1.250	1.007	1.16398	1.21109	1.12302	1.05667	.68099	1.16050	1.20795	1.11898	1.05061	.67262
1.250	2.002	1.15935	1.20687	1.11979	1.05402	.67928	1.15617	1.20360	1.11572	1.04830	.67096
1.250	3.003	1.15148	1.19888	1.11352	1.04825	.67606	1.14764	1.19538	1.10933	1.04362	.66772
	GRADIENT	.00054	.00133	.00092	.00066	.00062	.00085	.00121	.00084	.00083	.00062

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF

(RCM007) (03 OCT 91)

PARAMETRIC DATA

ALPHA = .000 PHI = -90.000

RUN NO. 1107/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
.599	4.032	.79678	.84228	.75545	.68694	.28752	.80070	.84757	.76128	.69491	.29465
.600	3.022	.80984	.85374	.76463	.69651	.29389	.81431	.85912	.77051	.70243	.30011
.600	1.999	.81957	.86243	.77163	.70286	.29783	.82555	.86898	.77875	.70882	.30467
.600	1.003	.82463	.86726	.77543	.70620	.29997	.83152	.87413	.78265	.71157	.30631
.600	-.010	.82763	.86964	.77777	.70862	.30163	.83426	.87661	.78488	.71339	.30747
.600	-1.008	.82584	.86690	.77539	.70659	.30007	.83136	.87360	.78282	.71137	.30636
.601	-2.016	.82034	.86013	.77074	.70279	.29743	.82455	.86701	.77791	.70729	.30387
.601	-3.016	.81115	.85074	.76334	.69620	.29317	.81413	.85697	.76967	.70090	.29906
.601	-4.033	.79691	.83662	.75278	.68777	.28672	.79936	.84255	.75812	.69108	.29248
	GRADIENT	-.00012	.00060	.00027	-.00005	.00010	.00013	.00051	.00027	.00038	.00022

RUN NO. 1114/ 0 RN/L = 3.75 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
.800	4.024	.87487	.92133	.83431	.76569	.35391	.87633	.92437	.83738	.76966	.35708
.800	3.019	.88730	.93248	.84344	.77422	.35940	.88976	.93646	.84733	.77748	.36298
.800	1.997	.89588	.94113	.85006	.78026	.36362	.89977	.94569	.85442	.78293	.36675
.800	1.001	.90020	.94518	.85320	.78321	.36544	.90502	.95038	.85799	.78565	.36847
.800	-.016	.90257	.94672	.85464	.78485	.36552	.90702	.95225	.85978	.78711	.36966
.800	-1.009	.90119	.94461	.85294	.78333	.36504	.90469	.94979	.85799	.78528	.36843
.799	-2.016	.89744	.93933	.84943	.78045	.36272	.89898	.94403	.85386	.78154	.36594
.800	-3.022	.88794	.92825	.84098	.77346	.35833	.88843	.93262	.84501	.77421	.36135
.800	-4.020	.87688	.91744	.83296	.76704	.35361	.87737	.92177	.83627	.76746	.35639
	GRADIENT	-.00024	.00053	.00023	-.00006	.00011	.00002	.00042	.00020	.00036	.00015

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF

(RCMO07) (03 OCT 91)

PARAMETRIC DATA

ALPHA = .000 PHI = -90.000

RUN NO. 1121/ O RN/L = 3.89 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CPB	CPC1	CPC2	CPC3	CPC1	CPU	CPC4	CPC5	CPC6	CPO2
.900	4.024	.93033	.97671	.89031	.82268	.41792	.93180	.97954	.89366	.82682	.42110
.900	3.019	.94255	.98782	.89951	.83106	.42312	.94516	.99166	.90367	.83478	.42684
.900	1.997	.94940	.99487	.90459	.83579	.42599	.95335	.99929	.90936	.83894	.432929
.900	.996	.95361	.99851	.90740	.83863	.42780	.95845	1.00377	.91292	.84179	.43150
.900	.011	.95626	1.00035	.90924	.84052	.42900	.96058	1.00569	.91468	.84321	.43246
.900	-1.009	.95540	.99878	.90790	.83944	.42796	.95815	1.00328	.91292	.84154	.43132
.900	-2.027	.95098	.99293	.90374	.83589	.42513	.95233	.99713	.90835	.83728	.42842
.900	-3.018	.94310	.98389	.89726	.83045	.42121	.94369	.98799	.90127	.83131	.42434
.899	-4.023	.93132	.97226	.88818	.82325	.41641	.93186	.97609	.89155	.82357	.41887
	GRADIENT	-.00018	.00054	.00027	-.00003	.00022	.00010	.00048	.00029	.00044	.00030

RUN NO. 1152/ O RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CPB	CPC1	CPC2	CPC3	CPC1	CPU	CPC4	CPC5	CPC6	CPO2
1.100	4.020	1.07309	1.11568	1.03574	.97195	.60333	1.07144	1.11541	1.03526	.97253	.60178
1.100	2.996	1.08263	1.12482	1.04305	.97889	.60733	1.08223	1.12518	1.04301	.97885	.60589
1.100	1.984	1.08962	1.13179	1.04856	.98403	.61034	1.09053	1.13278	1.04895	.98340	.60907
1.100	.996	1.09354	1.13566	1.05177	.98703	.61202	1.09624	1.13816	1.05331	.98681	.61172
1.100	-.016	1.09519	1.13641	1.05255	.98777	.61239	1.09675	1.13848	1.05361	.98686	.61153
1.100	-1.001	1.09464	1.13484	1.05103	.98652	.61131	1.09485	1.13646	1.05212	.98554	.61088
1.099	-2.017	1.09065	1.12920	1.04694	.98308	.60875	1.08953	1.13058	1.04753	.98148	.60777
1.100	-3.025	1.08367	1.12173	1.04135	.97813	.60601	1.08230	1.12319	1.04194	.97712	.60485
1.099	-4.035	1.07340	1.11118	1.03319	.97172	.60113	1.07223	1.11321	1.03406	.97040	.60026
	GRADIENT	-.00012	.00055	.00032	.00009	.00028	-.00000	.00035	.00020	.00031	.00021

RUN NO. 1163/ O RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CPB	CPC1	CPC2	CPC3	CPC1	CPU	CPC4	CPC5	CPC6	CPO2
1.250	4.024	1.14083	1.18856	1.10412	1.03843	.66688	1.14183	1.19024	1.10617	1.04201	.66895
1.250	2.996	1.15052	1.19772	1.11122	1.04538	.67101	1.15237	1.19998	1.11388	1.04796	.67325
1.250	1.998	1.15688	1.20443	1.11659	1.05039	.67443	1.16000	1.20725	1.11966	1.05244	.67678
1.250	.993	1.16131	1.20845	1.12007	1.05369	.67662	1.16497	1.21268	1.12328	1.05535	.67891
1.250	-.018	1.16324	1.20962	1.12109	1.05463	.67666	1.16604	1.21267	1.12401	1.05566	.67888
1.250	-1.013	1.16320	1.20867	1.12012	1.05384	.67613	1.16451	1.21142	1.12336	1.05499	.67845
1.249	-2.031	1.15905	1.20329	1.11633	1.05070	.67366	1.15952	1.20599	1.11933	1.05155	.67607
1.250	-3.021	1.15139	1.19450	1.10976	1.04508	.67003	1.15180	1.19744	1.11260	1.04620	.67215
	GRADIENT	-.00163	-.00099	-.00091	-.00100	-.00048	-.00143	-.00112	-.00100	-.00066	-.00049

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF

(RCMO08) (03 OCT 91)

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 1123/ O		RN/L = 3.89		GRADIENT INTERVAL = -5.00/ 5.00		CPC1		CPC2		CPC3		CPC4		CPC5		CPC6		CPO2	
MACH		ALPHA		CPB		CPC1		CPC2		CPC3		CPC4		CPC5		CPC6		CPO2	
.920		.010		.97263		1.01630		.92647		.85803		.96778		.92176		.85030		.44254	
.920		-4.029		.89300		.93020		.83157		.75973		1.04111		1.00571		.94151		.55147	
GRADIENT				.01971		.02132		.02349		.02433		.02734		-.02078		-.02258		-.02697	
RUN NO. 1128/ O		RN/L = 3.88		GRADIENT INTERVAL = -5.00/ 5.00		CPC1		CPC2		CPC3		CPC4		CPC5		CPC6		CPO2	
MACH		ALPHA		CPB		CPC1		CPC2		CPC3		CPC4		CPC5		CPC6		CPO2	
.950		.010		.99174		1.03484		.94603		.87860		.98716		.94157		.87115		.46869	
.949		-4.031		.91263		.94943		.85219		.78121		1.05826		1.02351		.96010		.57500	
GRADIENT				.01958		.02114		.02322		.02410		.02694		-.02028		-.02201		-.02631	
RUN NO. 1134/ O		RN/L = 3.86		GRADIENT INTERVAL = -5.00/ 5.00		CPC1		CPC2		CPC3		CPC4		CPC5		CPC6		CPO2	
MACH		ALPHA		CPB		CPC1		CPC2		CPC3		CPC4		CPC5		CPC6		CPO2	
.980		.008		1.01228		1.05543		.96650		.89947		1.00831		.96328		.89348		.49563	
.980		-4.035		.93506		.97181		.87440		.80395		1.07868		1.04427		.98158		.60086	
GRADIENT				.01910		.02068		.02278		.02363		.02628		-.02004		-.02179		-.02603	
RUN NO. 1139/ O		RN/L = 3.77		GRADIENT INTERVAL = -5.00/ 5.00		CPC1		CPC2		CPC3		CPC4		CPC5		CPC6		CPO2	
MACH		ALPHA		CPB		CPC1		CPC2		CPC3		CPC4		CPC5		CPC6		CPO2	
1.050		.029		1.06195		1.10374		1.01832		.95229		1.05674		1.01299		.94431		.55923	
1.050		-4.030		.98702		1.02250		.92906		.85970		1.12528		1.09193		1.03009		.66153	
GRADIENT				.01846		.02002		.02199		.02281		.02539		-.01672		-.02113		-.02520	
RUN NO. 1154/ O		RN/L = 3.00		GRADIENT INTERVAL = -5.00/ 5.00		CPC1		CPC2		CPC3		CPC4		CPC5		CPC6		CPO2	
MACH		ALPHA		CPB		CPC1		CPC2		CPC3		CPC4		CPC5		CPC6		CPO2	
1.150		.012		1.12472		1.16674		1.08200		1.01681		1.12112		1.07751		1.01029		.63389	
1.150		-4.038		1.05190		1.08729		.99521		.92666		1.18806		1.15494		1.09359		.73227	
GRADIENT				.01798		.01961		.02142		.02226		.02420		-.01653		-.02057		-.02429	

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF

(RCMO09) (03 OCT 91)

PARAMETRIC DATA

BETA = .000 PHI = 180.000

MACH .920 .920	ALPHA -.007 4.032	CPB .96861 1.04255 .01830	CPC1 1.01247 1.08490 .01793	CPC2 .92209 1.00616 .02081	CPC3 .85359 .94253 .02202	CPO1 .44580 .55468 .02695	CPU .97077 .89146 -.01964	CPC4 1.01612 .92984 -.02136	CPC5 .92564 .83063 -.02352	CPC6 .85449 .75648 -.02426	CPO2 .44670 .33646 -.02729
	GRADIENT										
	GRADIENT INTERVAL = -5.00/ 5.00										
	RUN NO. 1129/ 0										
	RN/L = 3.88 GRADIENT INTERVAL = -5.00/ 5.00										
MACH .950 .950	ALPHA -.013 4.038	CPB .98839 1.06071 .01785	CPC1 1.03195 1.10288 .01751	CPC2 .94254 1.02494 .02034	CPC3 .87498 .96209 .02151	CPO1 .47203 .57913 .02644	CPU .99061 .91173 -.01947	CPC4 1.03542 .94964 -.02118	CPC5 .94587 .85166 -.02326	CPC6 .87573 .77826 -.02406	CPO2 .47277 .36392 -.02687
	GRADIENT										
	GRADIENT INTERVAL = -5.00/ 5.00										
	RUN NO. 1135/ 0										
	RN/L = 3.86 GRADIENT INTERVAL = -5.00/ 5.00										
MACH .980 .980	ALPHA -.011 4.047	CPB 1.00926 1.08123 .01773	CPC1 1.05246 1.12289 .01735	CPC2 .96300 1.04468 .02012	CPC3 .89593 .98243 .02131	CPO1 .49874 .60449 .02605	CPU 1.01128 .93367 -.01912	CPC4 1.05521 .97081 -.02079	CPC5 .96672 .87372 -.02291	CPC6 .89712 .80111 -.02366	CPO2 .49917 .39194 -.02642
	GRADIENT										
	GRADIENT INTERVAL = -5.00/ 5.00										
	RUN NO. 1140/ 0										
	RN/L = 3.77 GRADIENT INTERVAL = -5.00/ 5.00										
MACH 1.050 1.050	ALPHA -.004 4.044	CPB 1.05814 1.12712 .01704	CPC1 1.10017 1.16787 .01672	CPC2 1.01428 1.09300 .01944	CPC3 .94827 1.03170 .02061	CPO1 .56356 .66525 .02512	CPU 1.05978 .98494 -.01849	CPC4 1.10278 1.02134 -.02012	CPC5 1.01645 .92720 -.02205	CPC6 .94793 .85559 -.02281	CPO2 .56283 .45991 -.02542
	GRADIENT										
	GRADIENT INTERVAL = -5.00/ 5.00										
	RUN NO. 1155/ 0										
	RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00										
MACH 1.150 1.150	ALPHA -.014 4.042	CPB 1.12131 1.18929 .01676	CPC1 1.16330 1.23006 .01646	CPC2 1.07823 1.15523 .01899	CPC3 1.01295 1.09425 .02005	CPO1 .63683 .73485 .02417	CPU 1.12419 1.05080 -.01809	CPC4 1.16690 1.08690 -.01973	CPC5 1.08106 .99381 -.02151	CPC6 1.01407 .92388 -.02224	CPO2 .63792 .53941 -.02424
	GRADIENT										

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF

(RCMO10) (03 OCT 91)

PARAMETRIC DATA

ALPHA = .000 PHI = 90.000

RUN NO. 1125/ 0		RN/L = 3.88		GRADIENT INTERVAL = -5.00/ 5.00		CPC5		CPC6		CPC2	
MACH	BETA	CPB	CPC1	CPC2	CPC3	CPC4	CPC5	CPC6	CPC2	CPC5	CPC6
.920	1.990	.96476	1.01046	.92220	.85406	.44934	.95964	1.00526	.91589	.84559	.43840
.920	-2.017	.96920	1.01115	.92315	.85576	.44943	.96137	1.00565	.91657	.84534	.43839
	GRADIENT	-.00111	-.00017	-.00024	-.00043	-.00002	-.00043	-.00010	-.00017	.00006	.00000
RUN NO. 1130/ 0		RN/L = 3.88		GRADIENT INTERVAL = -5.00/ 5.00		CPC5		CPC6		CPC2	
MACH	BETA	CPB	CPC1	CPC2	CPC3	CPC4	CPC5	CPC6	CPC2	CPC5	CPC6
.950	1.943	.98430	1.02943	.94207	.87490	.47533	.97953	1.02457	.93615	.86682	.46497
.950	-2.024	.98764	1.02906	.94213	.87570	.47464	.97995	1.02368	.93568	.86546	.46380
	GRADIENT	-.00084	.00009	-.00002	-.00020	.00017	-.00011	.00022	.00012	.00034	.00029
RUN NO. 1136/ 0		RN/L = 3.86		GRADIENT INTERVAL = -5.00/ 5.00		CPC5		CPC6		CPC2	
MACH	BETA	CPB	CPC1	CPC2	CPC3	CPC4	CPC5	CPC6	CPC2	CPC5	CPC6
.980	1.988	1.00505	1.04995	.96229	.89558	.50137	1.00039	1.04501	.95740	.88871	.49160
.980	-2.024	1.00877	1.05017	.96285	.89692	.50137	1.00141	1.04475	.95753	.88800	.49132
	GRADIENT	-.00093	-.00006	-.00014	-.00034	-.00000	-.00025	.00006	-.00003	.00018	.00007
RUN NO. 1141/ 0		RN/L = 3.77		GRADIENT INTERVAL = -5.00/ 5.00		CPC5		CPC6		CPC2	
MACH	BETA	CPB	CPC1	CPC2	CPC3	CPC4	CPC5	CPC6	CPC2	CPC5	CPC6
1.050	1.989	1.05397	1.09771	1.01363	.94800	.56616	1.04997	1.09345	1.00827	.94064	.55646
1.050	-2.021	1.05758	1.09797	1.01423	.94917	.56602	1.05098	1.09343	1.00862	.94015	.55606
	GRADIENT	-.00090	-.00006	-.00015	-.00029	.00004	-.00025	.00000	-.00009	.00012	.00010
RUN NO. 1156/ 0		RN/L = 3.00		GRADIENT INTERVAL = -5.00/ 5.00		CPC5		CPC6		CPC2	
MACH	BETA	CPB	CPC1	CPC2	CPC3	CPC4	CPC5	CPC6	CPC2	CPC5	CPC6
1.150	1.992	1.11681	1.16027	1.07676	1.01208	.63880	1.11387	1.15684	1.07219	1.00611	.63076
1.150	-2.018	1.12149	1.16150	1.07836	1.01399	.63917	1.11603	1.15804	1.07354	1.00645	.63087
	GRADIENT	-.00117	-.00031	-.00040	-.00048	-.00009	-.00054	-.00030	-.00033	-.00009	-.00003

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF

(RCMO11) (03 OCT 91)

PARAMETRIC DATA

ALPHA = .000 PHI = -90.000

RUN NO. 1126/ 0		RN/L = 3.88		GRADIENT INTERVAL = -5.00/ 5.00		CPC1		CPC2		CPC3		CPC4		CPC5		CPC6		CPC7	
MACH		BETA		CPB		CPC1		CPC2		CPC3		CPC4		CPC5		CPC6		CPC7	
.920		-2.004		.96344		1.00508		.91673		.84920		.44183		.92135		.85056		.44521	
.920		2.037		.96141		1.00664		.91725		.84879		.44248		.92203		.85187		.44580	
GRADIENT				-.00050		.00038		.00013		-.00010		.00016		.00017		.00032		.00015	
RUN NO. 1131/ 0		RN/L = 3.88		GRADIENT INTERVAL = -5.00/ 5.00		CPC1		CPC2		CPC3		CPC4		CPC5		CPC6		CPC7	
MACH		BETA		CPB		CPC1		CPC2		CPC3		CPC4		CPC5		CPC6		CPC7	
.950		-2.001		.98262		1.02386		.93668		.86981		.46773		.94094		.87114		.47112	
.950		2.043		.98080		1.02569		.93755		.86981		.46882		.94197		.87275		.47203	
GRADIENT				-.00045		.00045		.00021		.00000		.00027		.00025		.00040		.00022	
RUN NO. 1137/ 0		RN/L = 3.86		GRADIENT INTERVAL = -5.00/ 5.00		CPC1		CPC2		CPC3		CPC4		CPC5		CPC6		CPC7	
MACH		BETA		CPB		CPC1		CPC2		CPC3		CPC4		CPC5		CPC6		CPC7	
.980		-2.002		1.00420		1.04511		.95735		.89122		.49479		.96233		.89318		.49800	
.980		2.039		1.00220		1.04669		.95798		.89096		.49545		.96312		.89469		.49866	
GRADIENT				-.00050		.00039		.00016		-.00006		.00016		.00020		.00037		.00017	
RUN NO. 1142/ 0		RN/L = 3.77		GRADIENT INTERVAL = -5.00/ 5.00		CPC1		CPC2		CPC3		CPC4		CPC5		CPC6		CPC7	
MACH		BETA		CPB		CPC1		CPC2		CPC3		CPC4		CPC5		CPC6		CPC7	
1.050		-2.002		1.05281		1.09306		1.00907		.94396		.55987		1.01200		.94386		.56121	
1.050		2.037		1.05109		1.09459		1.00985		.94403		.56081		1.01296		.94547		.56231	
GRADIENT				-.00043		.00038		.00019		.00002		.00023		.00024		.00040		.00027	
RUN NO. 1157/ 0		RN/L = 3.00		GRADIENT INTERVAL = -5.00/ 5.00		CPC1		CPC2		CPC3		CPC4		CPC5		CPC6		CPC7	
MACH		BETA		CPB		CPC1		CPC2		CPC3		CPC4		CPC5		CPC6		CPC7	
1.150		-2.009		1.11672		1.15628		1.07309		1.00869		.63360		1.07572		1.00920		.63524	
1.150		2.023		1.11560		1.15867		1.07450		1.00941		.63484		1.07733		1.01138		.63668	
GRADIENT				-.00028		.00059		.00035		.00018		.00031		.00037		.00054		.00036	

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF (RCMO12) (03 OCT 91)

PARAMETRIC DATA

ALPHA = .000 PHI = -90.000

RUN NO. 1132/ 0 RN/L = 3.88 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
.950	-2.000	.98339	1.02471	.93749	.87058	.46857	.98469	1.02882	.94171	.87185	.47177
.950	2.038	.98111	1.02585	.93768	.86996	.46885	.98535	1.03044	.94235	.87312	.47242
	GRADIENT	-.00056	.00028	.00005	-.00015	.00007	.00016	.00040	.00016	.00032	.00016

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF (RCMO13) (03 OCT 91)

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 1221/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
.899	-8.002	.79129	.82622	.71652	.64223	.21358	1.09535	1.13185	1.06522	1.00851	.64112
.900	-6.995	.81535	.84831	.74278	.66896	.24210	1.07991	1.11821	1.04811	.98949	.61481
.900	-5.993	.83739	.87084	.76783	.69504	.26897	1.06380	1.10406	1.03056	.96992	.58894
.900	-4.991	.85919	.89367	.79309	.72083	.29593	1.04742	1.08935	1.01242	.94986	.56292
.900	-3.993	.88073	.91693	.81803	.74634	.32338	1.02938	1.07234	.99253	.92809	.53522
.900	-2.991	.90235	.93926	.84291	.77169	.35139	1.01205	1.05601	.97279	.90702	.50928
.900	-1.995	.92328	.96312	.86777	.79707	.37898	.99358	1.03811	.95203	.88489	.48167
.900	-.992	.94304	.98577	.89165	.82169	.40689	.97612	1.02024	.93069	.86205	.45464
.900	.021	.96081	1.00458	.91373	.84532	.43427	.95791	1.00101	.90860	.83860	.42728
.900	1.007	.97886	1.02309	.93479	.86716	.46105	.93864	.97932	.88560	.81427	.39923
.900	2.009	.99812	1.04133	.95622	.88928	.48883	.91860	.95657	.86209	.79015	.37166
.900	3.012	1.01634	1.05902	.97714	.91105	.51606	.89831	.93453	.83815	.76538	.34459
.900	4.010	1.03430	1.07605	.99729	.93287	.54362	.87689	.91194	.81273	.73966	.31657
.900	5.008	1.05088	1.09164	1.01604	.95340	.56940	.85499	.88854	.78733	.71393	.28917
.899	6.007	1.06783	1.10732	1.03428	.97380	.59572	.83340	.86606	.76269	.68838	.26176
.900	7.006	1.08369	1.12131	1.05179	.99317	.62205	.81130	.84366	.73725	.66210	.23429
.900	7.999	1.09839	1.13442	1.06845	1.01185	.64705	.78963	.82322	.71238	.63619	.20720
	GRADIENT	.01932	.02027	.02267	.02353	.02750	-.01880	-.01971	-.02213	-.02333	-.02735

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF

(RCMO13) (03 OCT 91)

PARAMETRIC DATA

RUN NO. 1165/ O		RN/L = 2.50		GRADIENT INTERVAL = -5.00/ 5.00		BETA =		.000 PHI =		.000	
MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CP02
1.249	-7.994	1.01332	1.04951	.94593	.87497	.48629	1.29439	1.33205	1.26593	1.20954	.86480
1.249	-6.987	1.03333	1.06855	.96873	.89817	.51046	1.27817	1.31833	1.24928	1.19131	.84021
1.250	-5.992	1.05341	1.08872	.99135	.92130	.53453	1.26292	1.30511	1.23305	1.17301	.81631
1.249	-4.992	1.07250	1.10969	1.01382	.94391	.55834	1.24701	1.29120	1.21575	1.15405	.79240
1.250	-3.996	1.09280	1.13148	1.03682	.96747	.58314	1.23015	1.27584	1.19676	1.13357	.76768
1.250	-2.995	1.11328	1.15376	1.06036	.99151	.60821	1.21419	1.26029	1.17894	1.11449	.74497
1.250	-1.995	1.13149	1.17543	1.08285	1.01421	.63197	1.19637	1.24310	1.15898	1.09337	.72040
1.250	-.991	1.14963	1.19491	1.10435	1.03701	.65717	1.17927	1.22618	1.13952	1.07247	.69656
1.250	.024	1.16701	1.21233	1.12475	1.05841	.68115	1.16262	1.20921	1.11954	1.05087	.67278
1.250	1.010	1.18426	1.23007	1.14418	1.07857	.70429	1.14505	1.18942	1.09786	1.02843	.64829
1.250	2.004	1.20087	1.24701	1.16387	1.09857	.72787	1.12653	1.16780	1.07592	1.00590	.62414
1.250	3.014	1.21766	1.26303	1.18339	1.11924	.75172	1.10740	1.14707	1.05364	.98334	.60029
1.250	4.011	1.23446	1.27866	1.20187	1.13928	.77599	1.08739	1.12636	1.03093	.96015	.57542
1.250	5.023	1.25130	1.29338	1.21948	1.15857	.79996	1.06818	1.10580	1.00857	.93716	.55119
1.249	6.004	1.26924	1.30864	1.23642	1.17689	.82365	1.04931	1.08549	.98600	.91442	.52759
1.249	7.008	1.28375	1.32309	1.25430	1.19551	.84761	1.02898	1.06446	.96268	.89028	.50303
1.249	8.005	1.29889	1.33593	1.27134	1.21508	.87195	1.01016	1.04646	.94115	.86795	.48007
GRADIENT		.01784	.01871	.02084	.02162	.02409	-.01759	-.01832	-.02049	-.02154	-.02404

RUN NO. 1185/ O		RN/L = 2.50		GRADIENT INTERVAL = -5.00/ 5.00		BETA =		.000 PHI =		.000	
MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CP02
1.400	-8.002	1.02154	1.07451	.96338	.88987	.49874	1.33399	1.38611	1.31066	1.24829	.88710
1.400	-6.991	1.04272	1.09542	.98760	.91422	.52228	1.31584	1.37070	1.29093	1.22654	.86147
1.400	-5.996	1.06223	1.11799	1.01135	.93789	.54535	1.29639	1.35325	1.27080	1.20559	.83656
1.400	-5.000	1.08265	1.14058	1.03538	.96154	.56868	1.27659	1.33638	1.25177	1.18503	.81173
1.400	-3.994	1.10316	1.16269	1.05940	.98623	.59385	1.25596	1.31956	1.23151	1.16355	.78615
1.400	-2.994	1.12461	1.18522	1.08291	1.01089	.61833	1.23732	1.30198	1.21079	1.14220	.76106
1.400	-1.993	1.14410	1.20857	1.10669	1.03474	.64293	1.21660	1.28303	1.18980	1.11974	.73546
1.400	-.995	1.16331	1.22976	1.12967	1.05834	.66805	1.19686	1.26499	1.16838	1.09635	.71021
1.400	.024	1.18314	1.24962	1.15173	1.08088	.69319	1.17827	1.24550	1.14622	1.07284	.68534
1.400	1.005	1.20183	1.26911	1.17335	1.10302	.71781	1.15950	1.23398	1.12362	1.05041	.66094
1.400	2.006	1.21996	1.28743	1.19476	1.12546	.74314	1.13889	1.20074	1.10036	1.02689	.63632
1.400	3.021	1.23989	1.30433	1.21523	1.14720	.76859	1.11843	1.17847	1.07611	1.00232	.61200
1.400	4.018	1.26161	1.32332	1.23607	1.16894	.79467	1.09736	1.15672	1.05254	.97789	.58772
1.400	5.009	1.28017	1.34004	1.25537	1.18874	.81892	1.07649	1.13419	1.02919	.95472	.56415
1.400	6.017	1.30003	1.35640	1.27523	1.20989	.84431	1.05714	1.11199	1.00572	.93083	.54044
1.400	7.009	1.31847	1.37131	1.29295	1.22984	.86850	1.03663	1.09014	.98113	.90615	.51688
1.399	8.011	1.33660	1.38670	1.31154	1.24993	.89309	1.01763	1.07031	.95798	.88272	.49465
GRADIENT		.01947	.01992	.02202	.02273	.02503	-.01970	-.02043	-.02236	-.02320	-.02477

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF (RCMO13) (03 OCT 91)

PARAMETRIC DATA

RUN NO. 1203/ O		RN/L = 2.49		GRADIENT INTERVAL = -5.00/ 5.00		BETA =		.000 PHI =		.000	
MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.450	-8.005	1.00111	1.07174	.96163	.89042	.50772	1.32678	1.38615	1.30889	1.24708	.89126
1.449	-7.000	1.01999	1.09245	.98496	.91351	.52841	1.30344	1.36840	1.28926	1.22644	.86497
1.449	-6.005	1.04026	1.11497	1.00853	.93681	.55022	1.28243	1.35426	1.27095	1.20607	.83986
1.450	-5.000	1.06039	1.13745	1.03191	.96014	.57335	1.26411	1.33820	1.25146	1.18611	.81501
1.450	-3.999	1.08124	1.16044	1.05625	.98471	.59790	1.24148	1.32011	1.23274	1.16588	.78854
1.450	-3.000	1.09997	1.18167	1.07892	1.00728	.62094	1.21939	1.30352	1.21289	1.14440	.76218
1.450	-2.006	1.12274	1.20736	1.10418	1.03220	.64613	1.20153	1.28841	1.19374	1.12332	.73670
1.451	-1.002	1.14587	1.23322	1.13011	1.05807	.67269	1.18207	1.27159	1.17296	1.10033	.71192
1.451	.003	1.16700	1.25432	1.15364	1.08229	.69780	1.16237	1.25362	1.15002	1.07553	.68776
1.450	1.006	1.18901	1.27531	1.17577	1.10524	.72218	1.14198	1.22767	1.12427	1.05020	.66179
1.450	2.001	1.20592	1.29457	1.20011	1.12921	.74761	1.11953	1.20342	1.10134	1.02715	.63723
1.451	2.996	1.22737	1.30994	1.21994	1.15147	.77259	1.09906	1.18116	1.07711	1.00277	.61278
1.449	4.002	1.25044	1.32743	1.23816	1.17077	.79721	1.07681	1.15672	1.05015	.97601	.58620
1.451	4.994	1.27101	1.34694	1.25980	1.19286	.82407	1.05685	1.13538	1.02806	.95376	.56347
1.450	6.001	1.29131	1.36081	1.27894	1.21388	.84867	1.03655	1.11190	1.00359	.92901	.53882
1.450	6.988	1.31341	1.37642	1.29663	1.23372	.87361	1.01733	1.08940	.97938	.90503	.51624
1.449	7.995	1.33366	1.39212	1.31534	1.25259	.89787	.99878	1.06835	.95509	.88131	.49593
GRADIENT		.02111	.02107	.02298	.02347	.02508	-.02055	-.02045	-.02262	-.02354	-.02513

RUN NO. 1276/ 0		RN/L =		2.50		GRADIENT INTERVAL = -5.00/ 5.00		CPU		CPC4		CPC5		CPC6		CPO2	
MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2						
1.474	-8.000	.96426	1.06512	.95317	.88134	.49764	1.31004	1.39009	1.30948	1.24591	.88448						
1.473	-6.979	.98009	1.08765	.97725	.90500	.51898	1.28307	1.37089	1.28742	1.22253	.85677						
1.474	-5.995	.99603	1.11091	1.00124	.92894	.54148	1.25592	1.35328	1.26774	1.20123	.83150						
1.474	-4.994	1.01211	1.13191	1.02377	.95159	.56352	1.22776	1.33558	1.24615	1.17832	.80558						
1.474	-3.994	1.03460	1.15527	1.04880	.97654	.58802	1.20371	1.31586	1.22301	1.15529	.77985						
1.474	-2.994	1.05619	1.17884	1.07372	1.00141	.61221	1.17979	1.29473	1.20185	1.13409	.75461						
1.474	-1.979	1.07446	1.20097	1.09765	1.02596	.63746	1.15409	1.27732	1.18200	1.11218	.72912						
1.473	-.991	1.09512	1.22182	1.11908	1.04876	.66238	1.13304	1.25951	1.16095	1.08917	.70322						
1.473	.014	1.11465	1.24324	1.14153	1.07085	.68714	1.11024	1.24072	1.13929	1.06680	.67780						
1.473	1.011	1.13747	1.26352	1.16461	1.09395	.71166	1.09034	1.22038	1.11711	1.04397	.65275						
1.473	2.005	1.16154	1.28241	1.18672	1.11684	.73626	1.07191	1.19787	1.09392	1.02005	.62772						
1.474	3.010	1.18858	1.30263	1.20851	1.13956	.76168	1.05522	1.17434	1.06990	.99636	.60373						
1.474	4.022	1.21427	1.32171	1.23146	1.16295	.78788	1.03636	1.15231	1.04552	.97158	.57874						
1.473	5.008	1.24120	1.33985	1.25173	1.18463	.81289	1.01816	1.13161	1.02260	.94801	.55622						
1.473	6.004	1.26777	1.35842	1.27257	1.20557	.83811	1.00106	1.10987	.99891	.92401	.53388						
1.473	7.012	1.29487	1.37637	1.29314	1.22737	.86393	.98542	1.08687	.97414	.89875	.51180						
1.473	8.008	1.31871	1.39358	1.31293	1.24853	.88887	.96909	1.06404	.94981	.87472	.49053						
GRADIENT		.02200	.02099	.02286	.02329	.02484	-.02129	-.02007	-.02200	-.02283	-.02521						

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF (RCM013) (03 OCT 91)

PARAMETRIC DATA

RUN NO. 1238/ O		RN/L = 2.50		GRADIENT INTERVAL = -5.00/ 5.00		BETA =		.000 PHI =		.000	
MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.495	-7.999	.93339	1.06805	.95458	.88316	.50422	1.29029	1.39226	1.31307	1.25004	.89155
1.495	-6.988	.94111	1.09319	.97931	.90731	.52588	1.25581	1.37564	1.29285	1.22782	.86498
1.495	-5.993	.95014	1.11669	1.00363	.93122	.54723	1.22219	1.35917	1.27187	1.20655	.83962
1.495	-4.993	.96015	1.13757	1.02646	.95426	.56872	1.18790	1.33932	1.25035	1.18478	.81340
1.495	-3.987	.97042	1.15932	1.05144	.97998	.59316	1.15087	1.32230	1.23076	1.16351	.78811
1.495	-2.993	.97925	1.18188	1.07563	1.00452	.61664	1.11481	1.30426	1.21005	1.14067	.76223
1.495	-1.994	.99696	1.20841	1.10102	1.02935	.64158	1.08636	1.28639	1.18852	1.11792	.73671
1.495	-.998	1.01563	1.23132	1.12456	1.05319	.66662	1.05737	1.26630	1.16576	1.09450	.71043
1.495	.015	1.03783	1.25053	1.14697	1.07650	.69141	1.03285	1.24709	1.14326	1.07166	.68487
1.496	1.008	1.06635	1.26944	1.16920	1.09962	.71656	1.01525	1.22673	1.12172	1.04920	.65987
1.495	2.005	1.10205	1.28953	1.19227	1.12316	.74211	1.00628	1.20443	1.09991	1.02639	.63498
1.495	3.010	1.13536	1.30769	1.21309	1.14460	.76673	.99553	1.18053	1.07461	1.00147	.60992
1.495	4.011	1.16979	1.32809	1.23484	1.16649	.79257	.98288	1.15790	1.04876	.97571	.58495
1.495	5.007	1.20485	1.34663	1.25697	1.18919	.81768	.97232	1.13781	1.02611	.95224	.56280
1.495	6.015	1.24221	1.36452	1.27860	1.21227	.84359	.96442	1.11672	1.00297	.92872	.54129
1.496	7.007	1.27695	1.38370	1.30001	1.23462	.87030	.95687	1.09402	.97973	.90528	.52090
1.496	8.008	1.30657	1.39974	1.31939	1.25518	.89533	.94884	1.07009	.95542	.88153	.49883
GRADIENT		.02355	.02117	.02313	.02357	.02488	-.02250	-.02013	-.02231	-.02312	-.02542

RUN NO. 1283/ O		RN/L = 2.50		GRADIENT INTERVAL = -5.00/ 5.00		BETA =		.000 PHI =		.000	
MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.520	-7.999	.69201	1.07337	.95235	.88105	.50134	1.12774	1.39048	1.30962	1.24643	.88849
1.520	-6.993	.66584	1.09812	.97610	.90444	.52691	1.04166	1.37367	1.28938	1.22457	.86230
1.520	-5.993	.67183	1.11776	.99779	.92614	.54637	.97410	1.35515	1.26663	1.20101	.83529
1.520	-4.999	.69135	1.13652	1.02118	.94998	.56769	.93021	1.33850	1.24659	1.18034	.81087
1.520	-3.982	.72099	1.15310	1.04456	.97465	.58990	.89542	1.32081	1.22575	1.15775	.78392
1.520	-2.994	.77367	1.16285	1.06661	.99808	.61199	.88453	1.30979	1.20578	1.13586	.75821
1.520	-1.995	.92238	1.15450	1.09434	1.02496	.63650	.97610	1.32060	1.18755	1.11416	.73265
1.520	-.986	.96640	1.19621	1.12565	1.05146	.66160	.99025	1.28798	1.16696	1.09098	.70672
1.520	.014	.98773	1.25600	1.15188	1.07625	.68719	.98402	1.23071	1.14512	1.06844	.68272
1.520	1.011	.98913	1.30635	1.17236	1.09851	.71158	.95799	1.17760	1.11640	1.04247	.65550
1.520	2.005	.90399	1.30223	1.19017	1.11984	.73612	.93127	1.17572	1.08572	1.01472	.63067
1.520	3.005	.88913	1.31091	1.21313	1.14442	.76312	.75300	1.16951	1.06376	.99210	.60730
1.521	4.006	.91815	1.32670	1.23356	1.16653	.78945	.72151	1.15150	1.03954	.96781	.58299
1.520	5.018	.95690	1.34107	1.25188	1.18544	.81356	.69411	1.13222	1.01579	.94362	.55911
1.520	6.004	1.02611	1.35963	1.27424	1.20923	.84132	.69870	1.11592	.99674	.93991	.53991
1.520	7.006	1.09803	1.37771	1.29343	1.22935	.86696	.71850	1.09367	.97305	.90008	.51681
1.520	8.008	1.16643	1.40021	1.31795	1.25296	.89451	.73644	1.07235	.95205	.87906	.49263
GRADIENT		.02482	.02442	.02406	.02420	.02474	-.01939	-.02363	-.02323	-.02373	-.02532

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF

(RCMO13) (03 OCT 91)

PARAMETRIC DATA

MACH	ALPHA	GRADIENT INTERVAL = -5.00/ 5.00										.000	PHI	.000
		RUN NO.	1251/ 0	CPB	CPC1	CPC2	CPC3	CP01	CPU	CPC4	CPC5			
1.543	-8.002	.59114	1.06905	.93962	.86856	.49508	.97300	1.37684	1.29623	CPC6	CP02			
1.543	-7.003	.61296	1.08725	.96193	.89144	.51770	.93984	1.35973	1.27692	1.23446	.87809			
1.544	-5.982	.64194	1.09746	.98267	.91453	.53860	.91613	1.34307	1.25774	1.21392	.85287			
1.544	-4.982	.68154	1.09495	1.00107	.93538	.55818	.90191	1.34637	1.23508	1.19196	.82685			
1.544	-3.992	.77434	1.05679	1.01923	.95851	.58119	.93492	1.34435	1.21532	1.16746	.80050			
1.544	-2.993	.84214	1.05789	1.05452	.98991	.60632	.95349	1.36533	1.19822	1.14587	.77452			
1.544	-1.988	.88896	1.06553	1.08978	1.01908	.63088	.95557	1.33557	1.18033	1.12477	.75028			
1.544	-.990	.92133	1.09626	1.12364	1.04523	.65534	.94863	1.22212	1.16134	1.10251	.72496			
1.544	.015	.94004	1.16773	1.14949	1.06869	.68044	.93556	1.13028	1.14047	1.07998	.69916			
1.544	1.011	.94793	1.27767	1.16833	1.08996	.70508	.91258	1.07895	1.11095	1.05907	.67515			
1.543	2.011	.94691	1.35426	1.18491	1.11072	.73017	.87473	1.05952	1.07687	1.03492	.65062			
1.543	3.010	.94019	1.35541	1.20217	1.13167	.75577	.82573	1.05055	1.04260	1.00818	.62610			
1.543	4.006	.89451	1.32775	1.21922	1.15292	.78139	.72487	1.08461	1.01704	.97963	.60289			
1.543	5.012	.89872	1.33182	1.23902	1.17418	.80687	.66871	1.10218	.99964	.95184	.57856			
1.543	6.009	.92453	1.34668	1.25928	1.19528	.83251	.64189	1.09920	.97944	.92984	.55610			
1.544	7.005	.95012	1.36596	1.28148	1.21713	.85875	.61570	1.08624	.95834	.90813	.53378			
1.543	8.012	.99197	1.38173	1.30304	1.24005	.88413	.59625	1.06629	.93651	.86636	.50976			
GRADIENT		.02302	.03866	.02521	.02432	.02485	-.01754	-.04061	-.02430	-.02371	-.02466			

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF

(RCMO14) (03 OCT 91)

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 1268/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
.899	-8.003	.79211	.82692	.71701	.64271	.21535	1.09521	1.13177	1.06538	1.00851	.64199
.900	-6.980	.81549	.84888	.74314	.66957	.24000	1.07962	1.11791	1.04766	.98908	.61553
.900	-5.993	.83751	.87046	.76769	.69508	.27024	1.06345	1.10366	1.03012	.96966	.58962
.900	-4.992	.85908	.89338	.79289	.72074	.29714	1.04698	1.08879	1.01189	.94970	.56375
.900	-3.988	.88882	.92385	.82470	.75290	.33025	1.03734	1.07894	.99905	.93455	.54190
.900	-2.991	.90077	.93800	.84156	.77040	.35162	1.01004	1.05427	.97119	.90553	.50921
.900	-1.995	.92352	.96314	.86778	.79714	.38010	.99378	1.03820	.95222	.88513	.48283
.900	-.997	.94360	.98607	.89170	.82229	.40845	.97629	1.02004	.93089	.86213	.45595
.900	.015	.96149	1.00521	.91424	.84595	.43595	.95879	1.00154	.90925	.83922	.42890
.900	1.007	.97954	1.02326	.93520	.86768	.46267	.93923	.97985	.88616	.81482	.40090
.900	2.004	.99760	1.04104	.95600	.88887	.48982	.91874	.95669	.86248	.79039	.37343
.900	3.006	1.01603	1.05877	.97676	.91092	.51715	.89840	.93452	.83810	.76542	.34579
.900	4.010	1.03380	1.07561	.99682	.93255	.54418	.87669	.91172	.81278	.73964	.31780
.900	5.008	1.05022	1.09117	1.01529	.95295	.57013	.85526	.88842	.78739	.71414	.29069
.900	6.001	1.06683	1.10613	1.03316	.97285	.59635	.83328	.86567	.76253	.68856	.26316
.900	7.005	1.08428	1.12177	1.05220	.99367	.62368	.81226	.84452	.73781	.66280	.23586
.900	8.009	1.09914	1.13490	1.06888	1.01238	.64874	.79077	.82406	.71348	.63710	.20932
GRADIENT		.01899	.02000	.02241	.02328	.02726	-.01905	-.01992	-.02232	-.02354	-.02751

RUN NO. 1264/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.250	-7.999	1.01301	1.04916	.94594	.87500	.48652	1.29376	1.33121	1.26579	1.20920	.86512
1.250	-6.982	1.03413	1.06908	.96308	.89915	.51159	1.27872	1.31822	1.24963	1.19143	.84084
1.250	-5.996	1.05280	1.08829	.99089	.92141	.53476	1.26239	1.30422	1.23226	1.17238	.81637
1.250	-4.981	1.07282	1.11030	1.01455	.94515	.55925	1.24714	1.29041	1.21549	1.15386	.79273
1.250	-3.991	1.09179	1.13122	1.03671	.96733	.58332	1.22975	1.27494	1.19628	1.13329	.76790
1.250	-2.990	1.11231	1.15303	1.05979	.99111	.60825	1.21354	1.25881	1.17770	1.11338	.74449
1.250	-1.990	1.13080	1.17496	1.08236	1.01438	.63268	1.19600	1.24208	1.15861	1.09301	.72088
1.250	-.996	1.14885	1.19399	1.10353	1.03663	.65693	1.17873	1.22496	1.13890	1.07174	.69665
1.250	.014	1.16657	1.21170	1.12393	1.05808	.68098	1.16255	1.20836	1.11921	1.05082	.67328
1.250	1.010	1.18391	1.22976	1.14392	1.07838	.70467	1.14497	1.18900	1.09785	1.02878	.64902
1.250	2.008	1.20055	1.24727	1.16409	1.09874	.72856	1.12647	1.16745	1.07568	1.00607	.62474
1.250	3.025	1.21637	1.26219	1.18202	1.11814	.75151	1.10618	1.14500	1.05201	.98210	.59969
1.250	4.011	1.23395	1.27851	1.20133	1.13916	.77627	1.08743	1.12534	1.03085	.96004	.57597
1.250	5.017	1.25078	1.29262	1.21861	1.15800	.80039	1.06823	1.10526	1.00891	.93806	.55199
1.250	6.009	1.26862	1.30751	1.23572	1.17620	.82403	1.04913	1.08478	.98588	.91476	.52776
1.250	7.007	1.28446	1.32348	1.25439	1.19561	.84893	1.03003	1.06493	.96331	.89144	.50393
1.250	8.004	1.29838	1.33540	1.27068	1.21413	.87206	1.01053	1.04605	.94099	.86828	.48052
GRADIENT		.01782	.01869	.02075	.02153	.02407	-.01762	-.01835	-.02050	-.02153	-.02403

(RCMO14) (03 OCT 91)

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 1258/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPCB	CPC1	CPC2	CPC3	CPC01	CPCU	CPC4	CPC5	CPC6	CPC02
1.400	-7.996	1.02393	1.07608	.96545	.89204	.50211	1.33517	1.38554	1.31094	1.24875	.88969
1.400	-6.985	1.04353	1.09608	.98922	.91560	.52489	1.31625	1.36987	1.29117	1.22699	.86418
1.400	-5.990	1.06364	1.11882	1.01303	.93994	.54867	1.29813	1.35348	1.27189	1.20695	.83982
1.400	-4.989	1.08406	1.14169	1.03724	.96430	.57296	1.27846	1.33731	1.25327	1.18693	.81540
1.399	-3.988	1.10400	1.16244	1.05985	.98740	.59640	1.25727	1.31928	1.23159	1.16392	.78857
1.400	-2.988	1.12521	1.18566	1.08418	1.01197	.62177	1.23850	1.30203	1.21161	1.14299	.76480
1.400	-1.988	1.14554	1.20971	1.10840	1.03645	.64664	1.21897	1.28371	1.19143	1.12130	.73962
1.399	-.990	1.16414	1.22984	1.13024	1.05928	.67100	1.19883	1.26504	1.16939	1.09771	.71338
1.400	.018	1.18435	1.24931	1.15213	1.08209	.69618	1.18097	1.24626	1.14757	1.07479	.68877
1.400	1.004	1.20233	1.26864	1.17347	1.10343	.72023	1.16071	1.22378	1.12384	1.05102	.66363
1.400	2.005	1.22145	1.28812	1.19631	1.12682	.74644	1.14089	1.20190	1.10200	1.02862	.64048
1.400	3.005	1.24064	1.30421	1.21580	1.14771	.77136	1.12082	1.17930	1.07814	1.00440	.61645
1.400	4.023	1.26218	1.32314	1.23673	1.17004	.79794	1.09995	1.15784	1.05431	.98052	.59180
1.400	5.009	1.28024	1.33880	1.25512	1.18921	.82152	1.07876	1.13486	1.03020	.95641	.56770
1.400	6.011	1.29973	1.35491	1.27501	1.21014	.84656	1.05917	1.11325	1.00728	.93294	.54435
1.400	7.013	1.31955	1.37140	1.29423	1.23125	.87225	1.03985	1.09240	.98414	.90949	.52133
1.400	8.005	1.33634	1.38563	1.31167	1.25014	.89602	1.02015	1.07171	.96076	.88569	.49850
GRADIENT		.01958	.02020	.02221	.02286	.02496	-.01965	-.01996	-.02204	-.02291	-.02479

RUN NO. 1226/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPCB	CPC1	CPC2	CPC3	CPC01	CPCU	CPC4	CPC5	CPC6	CPC02
1.450	-8.000	1.00256	1.07162	.96200	.89051	.50687	1.32661	1.38517	1.30858	1.24757	.89115
1.451	-6.989	1.02312	1.09335	.98662	.91547	.52982	1.30503	1.37057	1.29083	1.22749	.86586
1.450	-5.994	1.04240	1.11635	1.01033	.93873	.55155	1.28464	1.35490	1.27134	1.20657	.84046
1.450	-4.994	1.06343	1.13883	1.03348	.96177	.57448	1.26588	1.33799	1.25209	1.18664	.81570
1.450	-3.994	1.08352	1.16081	1.05778	.98602	.59867	1.24361	1.32066	1.23315	1.16614	.78936
1.450	-2.994	1.10312	1.18239	1.08035	1.00913	.62224	1.22294	1.30479	1.21314	1.14482	.76290
1.450	-1.995	1.12610	1.20931	1.10659	1.03505	.64832	1.20453	1.28907	1.19391	1.12393	.73832
1.450	-.986	1.14682	1.23257	1.13075	1.05899	.67321	1.18282	1.27042	1.17195	1.09923	.71208
1.450	.024	1.16843	1.25343	1.15352	1.08226	.69783	1.16381	1.25196	1.14882	1.07444	.68707
1.450	1.006	1.18913	1.27515	1.17605	1.10517	.72242	1.14318	1.23664	1.12375	1.05031	.66197
1.450	2.010	1.20648	1.29385	1.20004	1.13002	.74825	1.12054	1.20238	1.10082	1.02714	.63756
1.450	3.011	1.22711	1.30822	1.21912	1.15157	.77318	1.09946	1.18010	1.07610	1.00250	.61331
1.450	4.012	1.25142	1.32752	1.23917	1.17193	.79925	1.07935	1.15747	1.05119	.97738	.58788
1.450	5.009	1.27100	1.34440	1.25865	1.19182	.82404	1.05782	1.13476	1.02797	.95359	.56359
1.450	6.011	1.29318	1.36008	1.27828	1.21308	.84924	1.03895	1.11312	1.00459	.93007	.54002
1.450	7.008	1.31595	1.37869	1.29839	1.23479	.87542	1.02066	1.09273	.98153	.90683	.51868
1.450	8.004	1.33502	1.39288	1.31606	1.25363	.89840	1.00076	1.06985	.95581	.88160	.49755
GRADIENT		.02074	.02123	.02308	.02355	.02496	-.02061	-.02014	-.02242	-.02339	-.02521

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF

(RCMO15) (03 OCT 91)

PARAMETRIC DATA

$$\text{BETA} = .000 \quad \text{PHI} = 180,000$$

RUN NO.	1222/	0	RN/L	=	2.50	GRADIENT	INTERVAL	=	-5.00/	5.00
---------	-------	---	------	---	------	----------	----------	---	--------	------

[illegible]

RUN NO.	1166/	0	RN/L	=	2.50	GRADIENT	INTERVAL	=	-5.00/	5.00
---------	-------	---	------	---	------	----------	----------	---	--------	------

[illegible]

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF

(RCM015) (03 OCT 91)

PARAMETRIC DATA

$$\text{BETA} = .000 \quad \text{PHI} = 180.000$$

RUN NO.	1186/ 0	RN/L =	2.50	GRADIENT INTERVAL =	-5.00/ 5.00
---------	---------	--------	------	---------------------	-------------

[illegible]

RUN NO.	1200/ 0	RN/L =	2.49	GRADIENT INTERVAL =	-5.00/ 5.00
---------	---------	--------	------	---------------------	-------------

[illegible]

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF

(RCMO15) (03 OCT 91)

PARAMETRIC DATA

$$\text{BETA} = .000 \quad \text{PHI} = 180.000$$

RUN NO.	1278/ 0	RN/L =	2.50	GRADIENT INTERVAL =	-5.00/	5.00
---------	---------	--------	------	---------------------	--------	------

[illegible]

RUN NO.	1241/ 0	RN/L =	2.49	GRADIENT INTERVAL =	-5.00/ 5.00
---------	---------	--------	------	---------------------	-------------

[illegible]

PARAMETRIC DATA

$$\text{BETA} = .000 \quad \text{PHI} = 180.000$$

RUN NO	1285/ 0	RN/L =	2.50	GRADIENT INTERVAL =	-5.00/	5.00
--------	---------	--------	------	---------------------	--------	------

[illegible]

PIN NO	1253/ 0	RN/L =	2.50	GRADIENT INTERVAL =	-5.00/	5.00
--------	---------	--------	------	---------------------	--------	------

[illegible]

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF

(RCMO16) (03 OCT 91)

PARAMETRIC DATA

$$\text{BETA} = .000 \quad \text{PHI} = 180.000$$

RUN NO.	1269/ 0	RN/L =	2.50	GRADIENT INTERVAL =	-5.00/ 5.00
---------	---------	--------	------	---------------------	-------------

[illegible]

RUN NO.	1265/ 0	RN/L =	2.50	GRADIENT INTERVAL =	-5.00/ 5.00
---------	---------	--------	------	---------------------	-------------

[illegible]

PARAMETRIC DATA

$$\text{BETA} = .000 \quad \text{PHI} = 180.000$$

RUN NO.	1259/ 0	RN/L =	2.50	GRADIENT INTERVAL =	-5.00/ 5.00
---------	---------	--------	------	---------------------	-------------

[illegible]

RUN NO.	1227/ 0	RN/L =	2.50	GRADIENT INTERVAL =	-5.00/ 5.00
---------	---------	--------	------	---------------------	-------------

[illegible]

GRADIENT

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF

(RCMO17) (03 OCT 91)

PARAMETRIC DATA

$$\text{ALPHA} = .000 \quad \text{PHI} = 90.000$$

RUN NO.	1223/	0	RN/L	=	2.50	GRADIENT	INTERVAL	=	-5.00/	5.00
---------	-------	---	------	---	------	----------	----------	---	--------	------

MACH	BETA	CPB	CPC1	CPC2	CPC3	CP01	CPU	CPC4	CPC5	CPC6	CP02
.900	-3.988	.93851	.97948	.89472	.82802	.42342	.93267	.97502	.88851	.82115	.41401
.900	-2.989	.94880	.99030	.90274	.83534	.42898	.94289	.98528	.89659	.82828	.41887
.899	-1.985	.95687	.99864	.90930	.84174	.43241	.95091	.99346	.90300	.83376	.42292
.900	-.993	.96146	1.00448	.91347	.85454	.43505	.95562	.99845	.90676	.83702	.42561
.900	.017	.96142	1.00560	.91458	.84640	.43580	.95700	1.00006	.90817	.83847	.42670
.900	1.006	.95883	1.00369	.91299	.84482	.43490	.95450	.99329	.90629	.83695	.42545
.900	2.005	.95270	.99794	.90816	.84010	.43236	.94870	.99257	.90193	.83341	.42291
.900	2.998	.94427	.99024	.90204	.83368	.42872	.94003	.98502	.89596	.82846	.41964
.900	3.995	.93282	.97896	.89295	.82507	.42245	.92750	.97347	.88684	.82081	.41510
GRADIENT		-.00079	-.00007	-.00020	-.00034	-.00008	-.00058	-.00014	-.00018	-.00002	.00011

RUN NO.	1168/	0	RN/L	=	2.50	GRADIENT	INTERVAL	=	-5.00/	5.00
---------	-------	---	------	---	------	----------	----------	---	--------	------

MACH	BETA	CPB	CPC1	CPC2	CPC3	CP01	CPU	CPC4	CPC5	CPC6	CP02
1.250	-3.985	1.14734	1.18986	1.10750	1.04301	.67166	1.14232	1.18772	1.10357	1.03774	.66287
1.250	-2.970	1.15683	1.19959	1.11476	1.04932	.67551	1.15153	1.19688	1.11050	1.04361	.66691
1.250	-1.980	1.16290	1.20649	1.11998	1.05446	.67910	1.15741	1.20325	1.11556	1.04781	.67057
1.250	-.992	1.16624	1.21072	1.12319	1.05704	.68073	1.16078	1.20715	1.11848	1.05028	.67226
1.250	.016	1.16657	1.21207	1.12430	1.05803	.68181	1.16253	1.20923	1.12010	1.05181	.67338
1.249	1.014	1.16429	1.21104	1.12331	1.05695	.68085	1.16124	1.20807	1.11878	1.05066	.67236
1.250	2.004	1.15929	1.20641	1.11956	1.05358	.67927	1.15614	1.20315	1.11520	1.04820	.67082
1.250	3.010	1.15156	1.19862	1.11344	1.04762	.67569	1.14776	1.19538	1.10908	1.04333	.66734
1.250	GRADIENT	1.14160	1.18922	1.10608	1.04073	.67148	1.13714	1.18531	1.10111	1.03676	.66307
		-.00080	-.00009	-.00017	-.00027	-.00001	-.00057	-.00022	-.00024	-.00006	.00005

RUN NO.	1187/	0	RN/L =	2.50	GRADIENT INTERVAL =	-5.00/	5.00
---------	-------	---	--------	------	---------------------	--------	------

MACH	BETA	CPB	CPC1	CPC2	CPC3	CP01	CPU	CPC4	CPC5	CPC6	CP02
1.400	-3.988	1.16508	1.22622	1.13508	1.06669	.68518	1.15928	1.22336	1.13048	1.06064	.67570
1.400	-2.991	1.17445	1.23726	1.14302	1.07377	.68912	1.16847	1.23281	1.13737	1.06614	.67955
1.400	-1.984	1.17980	1.24449	1.14829	1.07838	.69180	1.17301	1.23844	1.14135	1.06926	.68223
1.400	-.986	1.18227	1.24833	1.15089	1.08030	.69307	1.17594	1.24261	1.14439	1.07143	.68390
1.400	.008	1.18352	1.25086	1.15298	1.08213	.69430	1.17892	1.24562	1.14651	1.07331	.68525
1.400	1.004	1.18048	1.24905	1.15144	1.08055	.69338	1.17676	1.24348	1.14454	1.07173	.68447
1.400	2.000	1.17465	1.24317	1.14675	1.07657	.69147	1.17033	1.23706	1.13964	1.06853	.68233
1.400	3.006	1.16890	1.23603	1.14123	1.07132	.68929	1.16328	1.23013	1.13475	1.06508	.68023
1.400	3.996	1.15907	1.22687	1.13442	1.06507	.68522	1.15300	1.22013	1.12689	1.05872	.67638
	GRADIENT										
		-.00088	-.00005	-.00017	-.00029	.00001	-.00075	-.00038	-.00042	-.00020	.00009

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF

(RCMO17) (03 OCT 91)

PARAMETRIC DATA

ALPHA = .000 PHI = 90.000

RUN NO. 1201/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.450	-3.993	1.14912	1.22868	1.13556	1.06705	.68720	1.13886	1.22076	1.12762	1.05866	.67915
1.449	-2.997	1.15563	1.23791	1.14211	1.07329	.69079	1.14568	1.23054	1.13466	1.06422	.68194
1.450	-1.996	1.16365	1.24708	1.14909	1.07946	.69482	1.15379	1.24061	1.14129	1.06920	.68529
1.450	-1.003	1.16697	1.25177	1.15262	1.08229	.69620	1.15841	1.24640	1.14457	1.07176	.68652
1.450	.005	1.16778	1.25497	1.15484	1.08367	.69715	1.16112	1.25102	1.14799	1.07467	.68750
1.450	1.004	1.16621	1.25479	1.15403	1.08222	.69566	1.16084	1.25139	1.14782	1.07400	.68639
1.450	1.990	1.15831	1.24687	1.14850	1.07781	.69423	1.15315	1.24320	1.14247	1.06997	.68422
1.450	2.986	1.15168	1.23893	1.14208	1.07174	.69133	1.14543	1.23420	1.13629	1.06564	.68125
1.450	3.986	1.14422	1.23136	1.13635	1.06553	.68770	1.13715	1.22395	1.12816	1.05938	.67777
GRADIENT		-.00071	.00028	.00006	-.00023	.00003	-.00010	.00057	.00021	.00018	-.00016

RUN NO. 1280/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.473	-3.982	1.10703	1.22317	1.12886	1.06128	.68052	1.10011	1.21981	1.12241	1.05236	.67115
1.473	-2.990	1.11194	1.23153	1.13517	1.06692	.68361	1.10486	1.22701	1.12850	1.05711	.67394
1.473	-1.990	1.11380	1.23724	1.13927	1.07039	.68637	1.10640	1.23086	1.13231	1.06068	.67664
1.473	-.986	1.11927	1.24532	1.14480	1.07428	.68889	1.11143	1.23726	1.13675	1.06476	.67927
1.473	.017	1.11696	1.24581	1.14414	1.07354	.68873	1.11033	1.23816	1.13705	1.06487	.67903
1.473	1.010	1.11406	1.24315	1.14192	1.07138	.68812	1.10829	1.23855	1.13765	1.06536	.67814
1.473	2.000	1.11200	1.23857	1.13771	1.06743	.68578	1.10637	1.23496	1.13493	1.06313	.67577
1.473	3.001	1.11343	1.23365	1.13411	1.06421	.68390	1.10688	1.22969	1.13078	1.06061	.67431
1.473	3.991	1.10616	1.22346	1.12715	1.05769	.67955	1.09918	1.21821	1.12186	1.05414	.67050
GRADIENT		-.00013	.00014	-.00026	-.00052	-.00008	-.00001	.00019	.00018	.00039	-.00007

RUN NO. 1242/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.496	-3.987	1.04660	1.22739	1.13204	1.06500	.68430	1.04000	1.22331	1.12583	1.05612	.67632
1.496	-2.990	1.04217	1.23784	1.13913	1.07063	.68752	1.03536	1.23312	1.13277	1.06174	.67973
1.496	-1.985	1.04013	1.24773	1.14594	1.07633	.69130	1.03290	1.24258	1.13962	1.06773	.68331
1.496	-.989	1.03902	1.25155	1.14861	1.07846	.69290	1.03182	1.24630	1.14203	1.06989	.68467
1.495	.016	1.03615	1.25130	1.14793	1.07759	.69217	1.03041	1.24581	1.14161	1.06959	.68407
1.496	1.017	1.03880	1.25033	1.14764	1.07738	.69228	1.03384	1.24586	1.14172	1.07002	.68428
1.496	2.000	1.04223	1.24662	1.14505	1.07509	.69090	1.03756	1.24195	1.13907	1.06799	.68296
1.496	2.995	1.05319	1.24069	1.14093	1.07128	.68843	1.04744	1.23613	1.13526	1.06527	.68086
1.496	4.001	1.05658	1.23129	1.13407	1.06490	.68480	1.05058	1.22637	1.12840	1.06018	.67718
GRADIENT		.00128	.00035	.00018	-.00003	.00006	.00150	.00033	.00028	.00046	.00010

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF

(RCM017) (03 OCT 91)

PARAMETRIC DATA

		ALPHA =		.000 PHI =		90.000	
		GRADIENT INTERVAL = -5.00/		5.00			
RUN NO. 1287/ 0		RN/L =		2.50			
MACH	BETA	CPB	CPC1	CPC2	CPC3	CPC01	CPU
1.520	-3.987	.79885	1.23256	1.12576	1.05860	.68064	.78965
1.520	-2.985	.80991	1.24761	1.13225	1.06371	.68336	.80543
1.520	-1.990	.92577	1.26779	1.14451	1.07238	.68752	.92753
1.520	- .992	.98142	1.25476	1.14873	1.07468	.68762	.98086
1.520	.015	.98729	1.25110	1.15059	1.07602	.68860	.98593
1.520	1.004	.96802	1.26471	1.14927	1.07544	.68810	.96814
1.520	2.006	.82662	1.25508	1.13905	1.06894	.68618	.82392
1.520	3.001	.80714	1.24188	1.13315	1.06373	.68376	.80066
1.520	3.996	.80557	1.22825	1.12644	1.05809	.67986	.79884
GRADIENT		-.00321	-.00083	-.00008	-.00013	-.00007	-.00328
							-.00069
							-.00039
							-.00003

RUN NO. 1255/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

		ALPHA =		.000 PHI =		90.000	
		GRADIENT INTERVAL = -5.00/		5.00			
RUN NO. 1255/ 0		RN/L =		2.50			
MACH	BETA	CPB	CPC1	CPC2	CPC3	CPC01	CPU
1.544	-3.987	.84349	1.27827	1.12649	1.05411	.67308	.84164
1.544	-2.979	.89259	1.25481	1.13988	1.06221	.67690	.89107
1.544	-1.989	.92014	1.20384	1.14669	1.06636	.67932	.91799
1.543	- .991	.93475	1.17283	1.14882	1.06807	.68044	.93159
1.544	.017	.93627	1.16636	1.14935	1.06868	.68100	.93427
1.543	1.010	.92855	1.18155	1.14884	1.06805	.68046	.92870
1.544	2.000	.90617	1.22317	1.14441	1.06519	.67957	.90842
1.543	3.001	.87124	1.27225	1.13516	1.05926	.67690	.87420
1.543	3.995	.78950	1.25189	1.12039	1.05004	.67271	.79106
GRADIENT		-.00523	-.00011	-.00072	-.00046	-.00002	-.00458
							-.00068
							-.00049
							-.00003

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF

(RCMO18) (03 OCT 91)

PARAMETRIC DATA

ALPHA = .000 PHI = 90.000

RUN NO. 1272/ 0		RN/L = 2.50		GRADIENT INTERVAL = -5.00/ 5.00		CPU		CPC4	CPC5	CPC6	CPO2
BETA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2	
-3.989	.93875	.97965	.89490	.82863	.42408	.93341	.97575	.88948	.82177	.41508	
-2.989	.94882	.99016	.90284	.83521	.42897	.94336	.98559	.89707	.82845	.41909	
-1.985	.95728	.99886	.90976	.84193	.43347	.95181	.99408	.90380	.83420	.42390	
-.993	.96166	1.00440	.91359	.84532	.43523	.95617	.99885	.90723	.83706	.42586	
.016	.96182	1.00567	.91490	.84639	.43614	.95762	1.00056	.90857	.83847	.42684	
1.005	.95875	1.00349	.91295	.84452	.43469	.95503	.99871	.90676	.83693	.42550	
2.005	.95286	.99802	.90857	.84023	.43284	.94944	.99319	.90279	.83403	.42379	
2.998	.94414	.98975	.90168	.83347	.42888	.94011	.98495	.89605	.82844	.41986	
4.000	.93280	.97849	.89290	.82496	.42265	.92742	.97314	.88686	.82046	.41533	
GRADIENT	-.00082	-.00014	-.00024	-.00040	-.00013	-.00066	-.00024	-.00027	-.00009	.00005	

RUN NO. 1266/ 0 RN/L = 2.51 GRADIENT INTERVAL = -5.00/ 5.00

RUN NO. 1266/ 0		RN/L = 2.51		GRADIENT INTERVAL = -5.00/ 5.00		CPU		CPC4		CPC5		CPC6		CPO2	
MACH	BETA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2				
1.250	-3.985	1.14673	1.18940	1.10691	1.04305	.67180	1.14230	1.18693	1.10314	1.03791	.66326				
1.250	-2.987	1.15705	1.20027	1.11520	1.05030	.67657	1.15240	1.19710	1.11120	1.04465	.66818				
1.250	-1.986	1.16248	1.20631	1.11976	1.05472	.67937	1.15746	1.20275	1.11543	1.04801	.67095				
1.250	-.981	1.16608	1.21061	1.12293	1.05739	.68142	1.16101	1.20684	1.11856	1.05080	.67317				
1.250	.015	1.16533	1.21107	1.12306	1.05731	.68141	1.16144	1.20774	1.11907	1.05126	.67315				
1.250	1.008	1.16385	1.21074	1.12274	1.05694	.68113	1.16074	1.20727	1.11831	1.05070	.67283				
1.250	2.003	1.15909	1.20604	1.11897	1.05346	.67921	1.15593	1.20235	1.11453	1.04793	.67092				
1.250	2.999	1.15122	1.19847	1.11305	1.04766	.67618	1.14763	1.19449	1.10857	1.04331	.66795				
1.250	4.000	1.14043	1.18837	1.10513	1.04032	.67154	1.13614	1.18372	1.09993	1.03623	.66305				
	GRADIENT	-.00086	-.00016	-.00025	-.00036	-.00005	-.00070	-.00035	-.00038	-.00018	-.00003				

RUN NO. 1261/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

RUN NO. 1261/ 0		RN/L = 2.50		GRADIENT INTERVAL = -5.00/ 5.00		CPU		CPC4		CPC5		CPC6		CPO2	
MACH	BETA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2				
1.400	-3.988	1.16507	1.22616	1.13568	1.06791	.68910	1.16124	1.22419	1.13181	1.06246	.67979				
1.399	-2.980	1.17496	1.23684	1.14352	1.07511	.69283	1.17060	1.23367	1.13879	1.06783	.68353				
1.400	-1.984	1.18063	1.24415	1.14886	1.07991	.69590	1.17555	1.23947	1.14313	1.07131	.68652				
1.400	-.986	1.18362	1.24816	1.15157	1.08196	.69726	1.17889	1.24373	1.14624	1.07390	.68809				
1.400	.019	1.18387	1.24968	1.15275	1.08287	.69777	1.18058	1.24569	1.14740	1.07483	.68875				
1.400	1.008	1.18047	1.24781	1.15103	1.08117	.69650	1.17785	1.24348	1.14519	1.07299	.68747				
1.400	2.000	1.17609	1.24296	1.14751	1.07832	.69555	1.17296	1.23849	1.14137	1.07040	.68652				
1.400	3.001	1.16880	1.23541	1.14161	1.07266	.69285	1.16483	1.23106	1.13590	1.06641	.68411				
1.400	4.001	1.15959	1.22663	1.13513	1.06634	.68936	1.15484	1.22132	1.12843	1.06061	.68065				
	GRADIENT	-.00088	-.00008	-.00018	-.00029	-.00001	-.00082	-.00036	-.00044	-.00024	-.00008				

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF (RCMO18) (03 OCT 91)

PARAMETRIC DATA

ALPHA = .000 PHI = 90.000

RUN NO. 1228/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.449	-3.987	1.14916	1.22840	1.13610	1.06746	.68738	1.13981	1.22063	1.12740	1.05859	.67889
1.450	-2.980	1.15712	1.23830	1.14309	1.07408	.69128	1.14799	1.23109	1.13527	1.06449	.68215
1.450	-1.985	1.16414	1.24705	1.14928	1.07939	.69458	1.15507	1.24002	1.14069	1.06840	.68480
1.450	-.992	1.16772	1.25181	1.15295	1.08242	.69587	1.15928	1.24555	1.14417	1.07120	.68603
1.450	.016	1.16757	1.25428	1.15459	1.08329	.69648	1.16067	1.25008	1.14777	1.07419	.68676
1.450	1.009	1.16716	1.25514	1.15552	1.08378	.69685	1.16149	1.25108	1.14842	1.07466	.68701
1.450	2.006	1.15935	1.24690	1.14943	1.07877	.69471	1.15419	1.24258	1.14244	1.06988	.68426
1.450	2.996	1.15306	1.23900	1.14306	1.07266	.69187	1.14701	1.23448	1.13706	1.06628	.68180
1.450	3.997	1.14444	1.23065	1.13647	1.06597	.68784	1.13771	1.22324	1.12796	1.05924	.67756
GRADIENT		-.00069	.00024	.00007	-.00017	.00008	-.00018	.00053	.00026	.00024	-.00011

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF

(RCMO19) (03 OCT 91)

PARAMETRIC DATA

ALPHA = .000 PHI = -90.000

RUN NO. 1224/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
.900	4.025	.93174	.97763	.89051	.82205	.41758	.93382	.97998	.89348	.82752	.42257
.900	3.016	.94214	.98755	.89835	.82950	.42263	.94532	.99061	.90179	.83453	.42682
.900	2.005	.95040	.99509	.90433	.83607	.42639	.95450	.99878	.90844	.84019	.43082
.900	1.000	.95482	.99938	.90795	.83952	.42847	.96022	1.00349	.91244	.84321	.43273
.900	-.016	.95671	1.00049	.90905	.84062	.42904	.96191	1.00514	.91338	.84379	.43301
.900	-1.012	.95644	.99907	.90762	.83940	.42804	.95978	1.00279	.91180	.84243	.43215
.900	-2.013	.95153	.99307	.90357	.83558	.42578	.95340	.99660	.90729	.83870	.42975
.900	-3.023	.94342	.98438	.89698	.82916	.42202	.94521	.98808	.90039	.83260	.42557
.900	-4.039	.93152	.97239	.88737	.82090	.41550	.93391	.97634	.89095	.82427	.41984
GRADIENT		-.00011	.00057	.00030	.00011	.00019	.00004	.00045	.00028	.00037	.00029

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF

(RCM019) (03 OCT 91)

PARAMETRIC DATA

ALPHA = .000 PHI = -90.000

RUN NO. 1169/ 0		RN/L = 2.50		GRADIENT INTERVAL = -5.00/ 5.00		CPU		CPC4		CPC5		CPC6		CPC02	
MACH	BETA	CPB	CPC1	CPC2	CPC3	CPC01	CPC01	CPC4	CPC4	CPC5	CPC5	CPC6	CPC6	CPC02	CPC02
1.250	4.023	1.14133	1.18899	1.10461	1.03859	.66679	1.14286	1.19078	1.19078	1.10649	1.10649	1.04212	1.04212	.66927	.66927
1.250	3.010	1.15030	1.19741	1.11093	1.04465	.67036	1.15268	1.19991	1.19991	1.11361	1.11361	1.04790	1.04790	.67310	.67310
1.250	2.001	1.15702	1.20417	1.11645	1.05011	.67388	1.16045	1.20721	1.20721	1.11944	1.11944	1.05266	1.05266	.67669	.67669
1.250	.995	1.16050	1.20739	1.11930	1.05281	.67553	1.16482	1.21090	1.21090	1.12236	1.12236	1.05471	1.05471	.67823	.67823
1.250	-.013	1.16327	1.20942	1.12118	1.05457	.67656	1.16663	1.21278	1.21278	1.12398	1.12398	1.05596	1.05596	.67919	.67919
1.250	-1.009	1.16324	1.20839	1.12000	1.05349	.67557	1.16511	1.21134	1.21134	1.12305	1.12305	1.05509	1.05509	.67823	.67823
1.250	-2.027	1.15885	1.20257	1.11589	1.04994	.67312	1.15984	1.20572	1.20572	1.11878	1.11878	1.05158	1.05158	.67584	.67584
1.250	-3.024	1.15194	1.19500	1.11027	1.04461	.66991	1.15294	1.19814	1.19814	1.11295	1.11295	1.04678	1.04678	.67246	.67246
1.250	-4.043	1.14170	1.18438	1.10230	1.03812	.66585	1.14294	1.18811	1.18811	1.10519	1.10519	1.04018	1.04018	.66809	.66809
	GRADIENT	-.00021	.00046	.00019	.00003	.00011	-.00000	.00031	.00031	.00013	.00013	.00021	.00021	.00014	.00014

RUN NO. 1188/ 0		RN/L = 2.50		GRADIENT INTERVAL = -5.00/ 5.00		CPU		CPC4		CPC5		CPC6		CPC02	
MACH	BETA	CPB	CPC1	CPC2	CPC3	CPC01	CPC01	CPC4	CPC4	CPC5	CPC5	CPC6	CPC6	CPC02	CPC02
1.400	4.025	1.15890	1.22567	1.13176	1.06171	.67987	1.15935	1.22659	1.22659	1.13406	1.13406	1.06622	1.06622	.68322	.68322
1.400	3.024	1.16818	1.23462	1.13819	1.06786	.68308	1.16934	1.23668	1.23668	1.14174	1.14174	1.07190	1.07190	.68696	.68696
1.399	2.004	1.17286	1.24001	1.14191	1.07096	.68523	1.17569	1.24346	1.24346	1.14683	1.14683	1.07559	1.07559	.68911	.68911
1.399	.998	1.17661	1.24405	1.14542	1.07416	.68677	1.18017	1.24748	1.24748	1.14996	1.14996	1.07775	1.07775	.69051	.69051
1.400	-.019	1.17957	1.24582	1.14669	1.07523	.68724	1.18194	1.24946	1.24946	1.15140	1.15140	1.07880	1.07880	.69086	.69086
1.400	-1.004	1.17929	1.24440	1.14544	1.07423	.68676	1.18032	1.24780	1.24780	1.15036	1.15036	1.07778	1.07778	.69035	.69035
1.400	-2.024	1.17417	1.23769	1.14080	1.07054	.68484	1.17460	1.24120	1.24120	1.14584	1.14584	1.07424	1.07424	.68846	.68846
1.400	-3.015	1.16795	1.23011	1.13542	1.06623	.68205	1.16873	1.23360	1.23360	1.13984	1.13984	1.06983	1.06983	.68551	.68551
1.400	-4.035	1.15945	1.22038	1.12851	1.06025	.67905	1.16030	1.22510	1.22510	1.13377	1.13377	1.06478	1.06478	.68183	.68183
	GRADIENT	-.00012	.00064	.00039	.00019	.00012	-.00000	.00032	.00032	.00014	.00014	.00024	.00024	.00019	.00019

RUN NO. 1202/ 0		RN/L = 2.49		GRADIENT INTERVAL = -5.00/ 5.00		CPU		CPC4		CPC5		CPC6		CPC02	
MACH	BETA	CPB	CPC1	CPC2	CPC3	CPC01	CPC01	CPC4	CPC4	CPC5	CPC5	CPC6	CPC6	CPC02	CPC02
1.450	4.030	1.13720	1.22262	1.12886	1.05978	.68303	1.14242	1.22882	1.22882	1.13401	1.13401	1.06574	1.06574	.68520	.68520
1.450	3.019	1.14502	1.23254	1.13633	1.06685	.68563	1.15084	1.23807	1.23807	1.14094	1.14094	1.07121	1.07121	.68871	.68871
1.450	2.011	1.15279	1.24085	1.14177	1.07120	.68754	1.15955	1.24619	1.24619	1.14698	1.14698	1.07582	1.07582	.69121	.69121
1.450	1.005	1.15834	1.24652	1.14561	1.07451	.68942	1.16482	1.25200	1.25200	1.15156	1.15156	1.07941	1.07941	.69330	.69330
1.451	-.003	1.16225	1.25105	1.14891	1.07735	.69029	1.16703	1.25483	1.25483	1.15352	1.15352	1.08059	1.08059	.69393	.69393
1.450	-1.001	1.16274	1.25082	1.14833	1.07632	.68874	1.16608	1.25407	1.25407	1.15250	1.15250	1.07885	1.07885	.69204	.69204
1.450	-2.009	1.15593	1.24215	1.14299	1.07197	.68629	1.15819	1.24498	1.24498	1.14676	1.14676	1.07456	1.07456	.69038	.69038
1.450	-3.011	1.15127	1.23523	1.13889	1.06896	.68462	1.15347	1.23829	1.23829	1.14189	1.14189	1.07057	1.07057	.68866	.68866
1.450	-4.025	1.14400	1.22383	1.12992	1.06097	.68030	1.14612	1.22943	1.22943	1.13511	1.13511	1.06498	1.06498	.68421	.68421
	GRADIENT	-.00094	-.00033	-.00028	-.00024	.00028	-.00035	-.00005	-.00005	-.00013	-.00013	.00013	.00013	.00012	.00012

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF

(RCMO19) (03 OCT 91)

PARAMETRIC DATA

ALPHA = .000 PHI = -90.000

RUN NO. 1281/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.473	4.024	1.09710	1.22067	1.12312	1.05350	.67496	1.10027	1.22392	1.12744	1.05946	.67764
1.473	3.007	1.10413	1.22844	1.12981	1.05999	.67815	1.10802	1.23235	1.13483	1.06506	.68106
1.473	2.004	1.10673	1.23273	1.13353	1.06389	.68062	1.11223	1.23765	1.13909	1.06831	.68369
1.473	.993	1.11004	1.23722	1.13686	1.06695	.68229	1.11671	1.24438	1.14338	1.07115	.68536
1.473	-.010	1.11085	1.23890	1.13780	1.06772	.68222	1.11676	1.24519	1.14339	1.07067	.68531
1.473	-1.012	1.11023	1.23894	1.13839	1.06803	.68115	1.11494	1.24266	1.14140	1.06872	.68441
1.474	-2.014	1.11045	1.23569	1.13630	1.06632	.67912	1.11432	1.23794	1.13773	1.06543	.68248
1.473	-3.021	1.11015	1.22819	1.13115	1.06250	.67680	1.11385	1.23212	1.13282	1.06141	.67951
1.474	-4.040	1.10602	1.21770	1.12351	1.05601	.67374	1.10930	1.22266	1.12665	1.05714	.67595
	GRADIENT	-.00102	.00008	-.00021	-.00039	.00022	-.00093	.00011	.00023	.00047	.00025

RUN NO. 1243/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.496	4.023	1.03865	1.22532	1.12766	1.05901	.68084	1.104326	1.22907	1.13143	1.06324	.68236
1.496	3.012	1.02993	1.23390	1.13359	1.06436	.68353	1.103564	1.23837	1.13767	1.06765	.68482
1.495	1.999	1.03029	1.24325	1.14052	1.07057	.68680	1.103775	1.24786	1.14476	1.07321	.68805
1.496	.996	1.02968	1.24575	1.14233	1.07226	.68753	1.103731	1.25096	1.14679	1.07462	.68900
1.496	-.027	1.03168	1.24785	1.14433	1.07429	.68860	1.103824	1.25254	1.14828	1.07579	.68983
1.496	-1.013	1.03300	1.24382	1.14120	1.07168	.68642	1.103862	1.24844	1.14507	1.07285	.68747
1.496	-2.024	1.04241	1.24219	1.14065	1.07138	.68610	1.104774	1.24635	1.14450	1.07248	.68726
1.496	-3.020	1.05133	1.23528	1.13627	1.06785	.68316	1.105614	1.23956	1.13980	1.06832	.68432
1.496	-4.039	1.05670	1.22564	1.12995	1.06252	.67965	1.106056	1.23040	1.13335	1.06318	.68087
	GRADIENT	-.00271	-.00003	-.00027	-.00043	.00014	-.00251	-.00006	-.00020	.00002	.00017

RUN NO. 1289/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.520	4.024	.79428	1.23072	1.12247	1.05279	.67379	.80140	1.23225	1.12402	1.05463	.67788
1.520	3.023	.80848	1.24684	1.12957	1.05884	.67720	.81462	1.24773	1.13155	1.06053	.68111
1.520	1.988	.91657	1.26243	1.13912	1.06553	.68026	.92411	1.26522	1.14256	1.06809	.68362
1.520	.994	.97740	1.24143	1.14346	1.06851	.68138	.98395	1.25057	1.14821	1.07174	.68443
1.520	-.015	.98490	1.23765	1.14468	1.07020	.68278	.99146	1.24596	1.14902	1.07253	.68499
1.520	-1.006	.96529	1.25150	1.14378	1.06967	.68268	.97269	1.25632	1.14854	1.07223	.68471
1.520	-2.014	.81901	1.25382	1.13617	1.06559	.68121	.82634	1.25526	1.13922	1.06655	.68351
1.519	-3.016	.79840	1.23854	1.12962	1.06038	.67827	.80438	1.24050	1.13268	1.06099	.68020
1.520	-4.040	.79779	1.22220	1.12078	1.05331	.67461	.80256	1.22649	1.12570	1.05563	.67626
	GRADIENT	.00365	.00109	.00020	-.00013	-.00016	.00380	.00097	-.00007	-.00005	.00015

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF (RCMO19) (03 OCT 91)

PARAMETRIC DATA

ALPHA = .000 PHI = -90.000

RUN NO. 1256/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CPB	CPC1	CPC2	CPC3	CPC01	CPU	CPC4	CPC5	CPC6	CP02
1.543	4.023	.83755	1.27285	1.11937	1.04626	.66635	.84281	1.28003	1.12552	1.05241	.67052
1.544	3.016	.88639	1.23494	1.13204	1.05402	.67046	.89322	1.25434	1.13943	1.06006	.67433
1.543	2.004	.91430	1.17185	1.13815	1.05784	.67223	.92225	1.19716	1.14586	1.06318	.67558
1.543	.993	.92839	1.14037	1.14033	1.06022	.67394	.93723	1.16522	1.14822	1.06503	.67676
1.544	-.016	.93154	1.13443	1.14085	1.06121	.67508	.93951	1.15601	1.14840	1.06542	.67744
1.544	-1.012	.92322	1.15031	1.13986	1.06057	.67500	.92908	1.17187	1.14711	1.06461	.67683
1.544	-2.025	.90325	1.18756	1.13738	1.05861	.67385	.90750	1.21048	1.14281	1.06191	.67511
1.544	-3.021	.87165	1.24389	1.12856	1.05276	.67111	.87381	1.26099	1.13335	1.05549	.67185
1.544	-4.040	.79924	1.25127	1.11413	1.04507	.66820	.79877	1.25569	1.11992	1.04777	.66864
	GRADIENT	.00371	.00032	.00055	.00011	-.00023	.00449	.00075	.00079	.00058	.00026

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF

(RCMO20) (03 OCT 91)

PARAMETRIC DATA

ALPHA = .000 PHI = -90.000

RUN NO. 1273/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CPB	CPC1	CPC2	CPC3	CPC01	CPU	CPC4	CPC5	CPC6	CP02
.900	4.025	.93135	.97681	.88993	.82126	.41668	.93354	.97944	.89326	.82706	.42209
.900	3.016	.94232	.98746	.89836	.82967	.42290	.94582	.99090	.90241	.83490	.42729
.900	1.999	.95029	.99473	.90428	.83577	.42634	.95514	.99930	.90890	.84032	.43090
.900	.995	.95492	.99924	.90803	.83941	.42879	.96066	1.00383	.91281	.84323	.43297
.900	-.022	.95654	1.00028	.90899	.84023	.42889	.96229	1.00545	.91395	.84391	.43317
.900	-1.012	.95672	.99922	.90800	.83949	.42848	.96050	1.00341	.91250	.84278	.43260
.900	-2.018	.95172	.99287	.90342	.83528	.42553	.95468	.99723	.90782	.83887	.42969
.900	-3.018	.94402	.98478	.89733	.82957	.42230	.94621	.98884	.90149	.83348	.42637
.899	-4.039	.93254	.97311	.88822	.82187	.41586	.93503	.97729	.89220	.82510	.42080
	GRADIENT	-.00024	.00044	.00019	-.00002	.00011	-.00010	.00032	.00015	.00025	.00018

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF

(RCM020) (03 OCT 91)

PARAMETRIC DATA

ALPHA = .000 PHI = -90.000

RUN NO. 1267/ 0		RN/L =		2.50		GRADIENT INTERVAL =		-5.00/ 5.00					
BETA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2			
4.020	1.14086	1.18878	1.10422	1.03867	.66671	1.14261	1.19005	1.10612	1.04219	.66980			
3.018	1.15037	1.19764	1.11116	1.04527	.67105	1.15299	1.19990	1.11399	1.04873	.67432			
1.999	1.15734	1.20427	1.11647	1.05066	.67447	1.16080	1.20707	1.11967	1.05331	.67783			
.993	1.16024	1.20723	1.11890	1.05288	.67570	1.16457	1.21008	1.12212	1.05496	.67893			
-.015	1.16153	1.20775	1.11938	1.05339	.67560	1.16501	1.21033	1.12223	1.05472	.67869			
-1.016	1.16270	1.20769	1.11921	1.05328	.67547	1.16488	1.21024	1.12229	1.05485	.67860			
-2.017	1.15756	1.20141	1.11447	1.04915	.67260	1.15913	1.20432	1.11775	1.05090	.67576			
-3.025	1.15106	1.19393	1.10903	1.04398	.66971	1.15254	1.19689	1.11215	1.04647	.67275			
-4.044	1.13989	1.18255	1.10031	1.03683	.66480	1.14164	1.18610	1.10366	1.03918	.66771			
GRADIENT	-.00002	.00068	.00042	.00023	.00026	.00014	.00050	.00031	.00039	.00029			

RUN NO. 1262/ 0		RN/L = 2.50		GRADIENT INTERVAL = -5.00/ 5.00		CPU		CPC4		CPC5		CPC6		CPO2	
MACH	BETA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2				
1.400	4.019	1.15951	1.22586	1.13300	1.06346	.68384	1.16054	1.22677	1.13442	1.06677	.68656				
1.400	3.006	1.16869	1.23460	1.13932	1.06963	.68719	1.17044	1.23684	1.14220	1.07287	.69021				
1.400	1.998	1.17418	1.24023	1.14342	1.07355	.68972	1.17732	1.24368	1.14758	1.07680	.69290				
1.400	.997	1.17766	1.24416	1.14678	1.07663	.69146	1.18166	1.24742	1.15064	1.07911	.69434				
1.400	-.020	1.18016	1.24557	1.14764	1.07730	.69130	1.18329	1.24907	1.15161	1.07963	.69410				
1.400	-1.014	1.18017	1.24450	1.14659	1.07641	.69096	1.18213	1.24772	1.15091	1.07894	.69376				
1.400	-2.020	1.17557	1.23812	1.14239	1.07305	.68939	1.17696	1.24167	1.14680	1.07569	.69213				
1.400	-3.021	1.16982	1.23143	1.13770	1.06899	.68704	1.17178	1.23491	1.14150	1.07154	.68949				
1.400	-4.041	1.15928	1.22002	1.12915	1.06128	.68248	1.16134	1.22443	1.13339	1.06485	.68459				
GRADIENT		-.00013	.00061	.00037	.00020	.00012	-.00012	.00031	.00012	.00023	.00020				

RUN NO. 1231/ 0		RN/L =		2.50		GRADIENT INTERVAL =		-5.00/ 5.00		CPC5		CPC6		CPO2	
MACH	BETA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2				
1.450	4.014	1.13791	1.22262	1.12897	1.06003	.68307	1.14424	1.22939	1.13499	1.06658	.68569				
1.450	3.013	1.14716	1.23300	1.13680	1.06731	.68592	1.15381	1.23916	1.14233	1.07242	.68959				
1.450	1.994	1.15397	1.24158	1.14215	1.07163	.68831	1.16092	1.24707	1.14827	1.07704	.69245				
1.450	.999	1.15924	1.24716	1.14617	1.07506	.69011	1.16640	1.25285	1.15231	1.08049	.69434				
1.451	-.025	1.16288	1.25163	1.14952	1.07780	.69027	1.16837	1.25502	1.15377	1.08120	.69430				
1.450	-1.012	1.16257	1.25078	1.14849	1.07636	.68872	1.16663	1.25419	1.15300	1.07980	.69272				
1.451	-2.015	1.15687	1.24287	1.14388	1.07284	.68684	1.15989	1.24569	1.14814	1.07583	.69147				
1.450	-3.027	1.15111	1.23411	1.13804	1.06834	.68408	1.15469	1.23774	1.14189	1.07036	.68845				
1.450	-4.057	1.14339	1.22322	1.12978	1.06099	.68022	1.14706	1.22951	1.13563	1.06545	.68451				
GRADIENT		-.00071	-.00019	-.00021	-.00017	.00035	-.00020	.00009	-.00003	.00023	.00020				

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF

(RCM021) (03 OCT 91)

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 1171/ O RN/L = 2.51 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.300	.012	1.17392	1.22365	1.13406	1.06659	.68716	1.17010	1.22000	1.12874	1.05959	.67988
1.300	-4.013	1.10079	1.14319	1.04617	.97555	.58922	1.24126	1.29071	1.20973	1.14508	.77672
	GRADIENT	.01817	.01999	.02183	.02262	.02433	-.01768	-.01757	-.02012	-.02124	-.02406

RUN NO. 1175/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.350	.017	1.18243	1.23825	1.14550	1.07594	.69100	1.17739	1.23393	1.13953	1.06827	.68385
1.350	-4.028	1.10549	1.15435	1.05395	.98182	.59139	1.25223	1.30598	1.22167	1.15585	.78318
	GRADIENT	.01902	.02074	.02264	.02327	.02463	-.01850	-.01781	-.02031	-.02165	-.02456

RUN NO. 1233/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.470	.010	1.11659	1.24244	1.14054	1.07023	.68745	1.11247	1.23988	1.13879	1.06671	.67897
1.470	-4.025	1.03662	1.15436	1.04769	.97573	.58826	1.20606	1.31613	1.22339	1.15589	.78135
	GRADIENT	.01982	.02183	.02301	.02342	.02458	-.02319	-.01890	-.02097	-.02210	-.02537

RUN NO. 1245/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.519	.009	.99070	1.25416	1.15027	1.07469	.68588	.98763	1.22886	1.14380	1.06717	.68184
1.519	-4.019	.71562	1.15088	1.04141	.97140	.58737	.89375	1.31720	1.22349	1.15599	.78262
	GRADIENT	.06829	.02564	.02703	.02564	.02446	.02331	-.02193	-.01978	-.02205	-.02502

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF

(RCM022) (03 OCT 91)

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 1172/ O RN/L = 2.51 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.300	-.015	1.16936	1.21899	1.12892	1.06154	.68204	1.17384	1.22404	1.13317	1.06414	.68445
1.300	4.027	1.24172	1.28967	1.20928	1.14498	.77905	1.09910	1.14192	1.04399	.97214	.58576
	GRADIENT	.01790	.01749	.01988	.02064	.02400	-.01849	-.02032	-.02206	-.02276	-.02442

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF

(RCM022) (03 OCT 91)

PARAMETRIC DATA

$$\text{BETA} = .000 \quad \text{PHI} = 180.000$$

	RUN NO.	1176/	O	RN/L	=	2.50	GRADIENT INTERVAL	=	-5.00/	5.00												
MACH		ALPHA		CPB		CPC1		CPC2		CPC3		CPO1		CPU		CPC4		CPC5		CPC6		CPO2
1.350		-.014		1.17744		1.23345		1.14014		1.07085		.68635		1.18165		1.23878		1.14460		1.07315		.68778
1.350		4.015		1.25315		1.30565		1.22249		1.15659		.78577		1.10553		1.15471		1.05329		.97985		.58904
		GRADIENT		.01880		.01792		.02044		.02128		.02468		.01890		-.02087		-.02267		-.02316		-.02451

MACH	ALPHA	CPB	CP1	CP2	CP3	CP01	CPU	CP4	CP5	CP6	CP02
1.470	-.017	1.11230	1.24034	1.13922	1.06928	.68179	1.11625	1.24229	1.14021	1.06791	.68454
1.470	4.028	1.20743	1.31640	1.22421	1.15696	.78400	.03723	1.15308	1.04654	.97342	.58503
	GRADIENT	.02352	.01881	.02101	.02168	.02527	-.01954	-.02206	-.02316	-.02336	-.02460

[illegible]

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF

(RCMO23) (03 OCT 91)

PARAMETRIC DATA

$$\text{BETA} = .000 \quad \text{PHI} = 180.000$$

	RUN NO.	1249/	O	RN/L =	2.50	GRADIENT INTERVAL =	-5.00/	5.00		
MACH										
ALPHA										
	CPB	CPC1	CPC2	CPC3	CPC1	CPU	CPC4	CPC5	CPC6	CP02
1.519	.98421	1.23209	1.14360	1.06887	.68353	.99414	1.24842	1.14867	1.07110	.68218
1.520	.90229	1.32036	1.22655	1.16079	.78703	.73209	1.15124	1.04269	.97056	.58648
GRADIENT	-.02028	.02186	.02054	.02276	.02563	-.06489	-.02406	-.02624	-.02489	-.02370

DATE 03 OCT 91

IA310 (AEDC 16TF-783) TABULATED DATA

PAGE 44

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF

(RCM025) (03 OCT 91)

PARAMETRIC DATA

ALPHA = .000 PHI = -90.000

RUN NO. 1178/ 0		RN/L = 2.50		GRADIENT INTERVAL = -5.00/ 5.00		CPU		CPC5		CPC6		CPO2	
MACH	BETA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2	CPC5	CPC6
1.350	-2.013	1.17580	1.22865	1.13633	1.06751	.68272	1.17691	1.23261	1.13965	1.06885	.68631	1.13965	1.06885
1.350	2.022	1.17346	1.23090	1.13776	1.06825	.68303	1.17696	1.23431	1.14100	1.07086	.68762	1.14100	1.07086
	GRADIENT	-.00058	.00056	.00036	.00019	.00008	.00001	.00042	.00034	.00050	.00033	.00034	.00050
RUN NO. 1236/ 0		RN/L = 2.50		GRADIENT INTERVAL = -5.00/ 5.00		CPU		CPC5		CPC6		CPO2	
MACH	BETA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2	CPC5	CPC6
1.471	-2.009	1.11252	1.23606	1.13631	1.06631	.67906	1.11598	1.23797	1.13753	1.06535	.68255	1.13753	1.06535
1.471	2.025	1.10912	1.23253	1.13334	1.06383	.68061	1.11432	1.23705	1.13863	1.06815	.68373	1.13863	1.06815
	GRADIENT	-.00084	-.00088	-.00074	-.00062	.00038	-.00041	-.00023	.00027	.00069	.00029	.00027	.00069
RUN NO. 1248/ 0		RN/L = 2.50		GRADIENT INTERVAL = -5.00/ 5.00		CPU		CPC5		CPC6		CPO2	
MACH	BETA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2	CPC5	CPC6
1.519	-2.009	.81593	1.25072	1.13531	1.06439	.68042	.82264	1.25274	1.13836	1.06558	.68307	1.13836	1.06558
1.519	2.031	.90219	1.26106	1.13735	1.06388	.67924	.91011	1.26399	1.14018	1.06609	.68273	1.14018	1.06609
	GRADIENT	.02135	.00256	.00050	-.00013	-.00029	.02165	.00278	.00045	.00013	-.00008	.00045	.00013

IA310 (AEDC 16TF-783) PORT MISORIENT-FAIRING OFF

(RCM026) (03 OCT 91)

PARAMETRIC DATA

ALPHA = .000 BETA = .000

RUN NO. 1293/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	PHI	CPB	CPC1	CPC2	CPC3	CP01	CPU	CPC4	CPC5	CPC6	CP02
.599	-1.983	.83163	.87252	.78085	.71104	.30424	.83339	.87485	.78283	.71141	.30479
.599	-1.746	.83268	.87378	.78209	.71225	.30555	.83363	.87524	.78297	.71165	.30502
.600	-1.508	.83010	.87099	.77948	.70993	.30444	.83160	.87304	.78098	.70991	.30456
.599	-1.271	.83203	.87307	.78134	.71162	.30474	.83288	.87460	.78224	.71088	.30407
.600	-.993	.83076	.87183	.78029	.71070	.30485	.83176	.87329	.78124	.71004	.30420
.600	-.716	.83150	.87244	.78109	.71147	.30579	.83263	.87409	.78212	.71097	.30530
.600	-.479	.83075	.87168	.78012	.71041	.30431	.83161	.87327	.78122	.71003	.30386
.600	-.241	.83106	.87210	.78051	.71088	.30498	.83233	.87408	.78105	.71081	.30506
.599	-.003	.83059	.87166	.78021	.71047	.30473	.83140	.87316	.78105	.70988	.30408
.600	.234	.83122	.87222	.78068	.71117	.30561	.83197	.87358	.78161	.71046	.30494
.599	.472	.83276	.87376	.78202	.71211	.30523	.83343	.87508	.78274	.71129	.30458
.600	.749	.83168	.87281	.78125	.71152	.30495	.83269	.87453	.78234	.71107	.30477
.599	.987	.83169	.87270	.78105	.71125	.30468	.83272	.87455	.78240	.71117	.30470
.600	1.224	.83092	.87179	.78026	.71063	.30507	.83192	.87363	.78156	.71054	.30494
.599	1.501	.83137	.87218	.78066	.71093	.30489	.83242	.87388	.78176	.71061	.30462
.599	1.739	.83218	.87304	.78140	.71172	.30519	.83291	.87450	.78222	.71103	.30470
.599	1.977	.83257	.87333	.78166	.71196	.30528	.83301	.87451	.78228	.71095	.30453
	GRADIENT	.00014	.00011	.00011	.00010	.00009	-.00001	.00002	-.00000	.00001	.00002

RUN NO. 1298/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	PHI	CPB	CPC1	CPC2	CPC3	CP01	CPU	CPC4	CPC5	CPC6	CP02
.900	-2.023	.95862	1.00213	.91115	.84220	.43025	.96015	1.00335	.91128	.84111	.43001
.900	-1.746	.95869	1.00238	.91133	.84242	.43048	.96016	1.00360	.91152	.84130	.43017
.900	-1.508	.95824	1.00181	.91083	.84193	.43009	.95967	1.00311	.91096	.84085	.42971
.900	-1.271	.95865	1.00225	.91127	.84239	.43040	.96013	1.00352	.91142	.84126	.43003
.900	-.993	.95858	1.00211	.91119	.84221	.43049	.96002	1.00339	.91132	.84112	.43017
.900	-.756	.95915	1.00287	.91189	.84303	.43101	.96060	1.00407	.91196	.84184	.43059
.900	-.518	.95844	1.00207	.91114	.84218	.43046	.95983	1.00318	.91117	.84100	.43005
.900	-.241	.95918	1.00282	.91187	.84292	.43099	.96062	1.00404	.91192	.84176	.43058
.900	-.003	.95854	1.00216	.91121	.84222	.43037	.95998	1.00333	.91122	.84106	.42988
.900	.234	.95846	1.00207	.91105	.84205	.43021	.95980	1.00314	.91102	.84083	.42962
.900	.472	.95919	1.00282	.91186	.84291	.43105	.96051	1.00389	.91182	.84158	.43042
.900	.709	.95858	1.00224	.91125	.84236	.43043	.95986	1.00325	.91110	.84098	.42988
.900	.987	.95894	1.00254	.91157	.84261	.43067	.96029	1.00355	.91126	.84131	.43015
.900	1.224	.95873	1.00239	.91147	.84248	.43067	.95996	1.00335	.91150	.84110	.43009
.900	1.462	.95899	1.00244	.91153	.84266	.43087	.96029	1.00357	.91150	.84136	.43038
.900	1.739	.95903	1.00259	.91172	.84278	.43096	.96025	1.00356	.91145	.84132	.43034
.900	1.977	.95860	1.00223	.91136	.84245	.43067	.95980	1.00314	.91103	.84086	.42982
	GRADIENT	.00008	.00007	.00010	.00009	.00012	.00000	-.00001	-.00001	-.00001	.00002

IA310 (AEDC 16TF-783) PORT MISORIENT-FAIRING OFF

(RCMO26) (03 OCT 91)

PARAMETRIC DATA

RUN NO. 1304/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00 ALPHA = .000 BETA = .000

MACH	PHI	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.250	-1.983	1.16491	1.21015	1.12210	1.05569	.67753	1.16563	1.21224	1.12310	1.05466	.67681
1.250	-1.746	1.16448	1.20975	1.12180	1.05536	.67724	1.16487	1.21160	1.12252	1.05405	.67612
1.249	-1.508	1.16474	1.20993	1.12194	1.05549	.67713	1.16500	1.21152	1.12250	1.05401	.67584
1.250	-1.231	1.16508	1.21027	1.12227	1.05591	.67767	1.16529	1.21204	1.12296	1.05449	.67644
1.250	-993	1.16490	1.21010	1.12210	1.05574	.67758	1.16506	1.21172	1.12265	1.05416	.67621
1.249	-756	1.16529	1.21045	1.12243	1.05599	.67767	1.16542	1.21217	1.12301	1.05451	.67642
1.250	-518	1.16475	1.20993	1.12193	1.05551	.67750	1.16497	1.21160	1.12240	1.05393	.67614
1.250	-241	1.16452	1.20975	1.12184	1.05547	.67746	1.16446	1.21127	1.12216	1.05373	.67578
1.250	-003	1.16504	1.21031	1.12231	1.05592	.67783	1.16501	1.21171	1.12262	1.05373	.67578
1.250	.234	1.16509	1.21016	1.12222	1.05583	.67774	1.16504	1.21163	1.12244	1.05399	.67591
1.250	.472	1.16540	1.21052	1.12253	1.05617	.67813	1.16530	1.21192	1.12272	1.05430	.67638
1.250	.709	1.16508	1.21033	1.12233	1.05600	.67793	1.16496	1.21160	1.12250	1.05407	.67603
1.250	.987	1.16517	1.21035	1.12231	1.05595	.67784	1.16496	1.21152	1.12246	1.05399	.67596
1.250	1.224	1.16513	1.21033	1.12231	1.05590	.67790	1.16490	1.21175	1.12249	1.05399	.67600
1.250	1.501	1.16487	1.21024	1.12223	1.05586	.67771	1.16465	1.21153	1.12236	1.05386	.67571
1.250	1.739	1.16501	1.21007	1.12208	1.05570	.67769	1.16491	1.21131	1.12211	1.05367	.67576
1.250	1.977	1.16526	1.21035	1.12238	1.05600	.67789	1.16506	1.21163	1.12257	1.05407	.67582
1.250	GRADIENT	.00010	.00008	.00008	.00010	.00014	-.00009	-.00010	-.00012	-.00015	-.00015

RUN NO. 1310/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	PHI	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.400	-2.023	1.18065	1.24678	1.14883	1.07824	.68981	1.18176	1.24823	1.14895	1.07594	.68789
1.400	-1.746	1.18055	1.24679	1.14894	1.07835	.68988	1.18133	1.24782	1.14860	1.07564	.68758
1.400	-1.508	1.18066	1.24685	1.14896	1.07839	.69000	1.18147	1.24806	1.14867	1.07566	.68768
1.400	-1.231	1.18063	1.24680	1.14890	1.07835	.68990	1.18141	1.24796	1.14854	1.07558	.68748
1.400	-993	1.18064	1.24708	1.14920	1.07865	.69016	1.18141	1.24820	1.14883	1.07583	.68769
1.400	-756	1.18098	1.24725	1.14939	1.07878	.69030	1.18175	1.24834	1.14893	1.07587	.68778
1.400	-518	1.18096	1.24714	1.14928	1.07870	.69022	1.18163	1.24811	1.14886	1.07592	.68774
1.400	-241	1.18109	1.24725	1.14933	1.07875	.69028	1.18179	1.24836	1.14895	1.07592	.68776
1.400	-003	1.18084	1.24700	1.14911	1.07856	.69006	1.18148	1.24802	1.14864	1.07560	.68745
1.400	.234	1.18038	1.24677	1.14893	1.07833	.68988	1.18101	1.24767	1.14836	1.07539	.68738
1.399	.472	1.18063	1.24680	1.14894	1.07838	.68975	1.18127	1.24781	1.14834	1.07539	.68724
1.400	.709	1.18049	1.24681	1.14891	1.07839	.68983	1.18110	1.24788	1.14842	1.07539	.68724
1.400	.987	1.18090	1.24691	1.14911	1.07860	.69022	1.18147	1.24778	1.14856	1.07565	.68768
1.400	1.224	1.18040	1.24689	1.14902	1.07852	.69003	1.18104	1.24775	1.14843	1.07552	.68740
1.400	1.462	1.18070	1.24687	1.14902	1.07853	.69007	1.18132	1.24783	1.14844	1.07543	.68737
1.400	1.739	1.18068	1.24686	1.14900	1.07851	.68996	1.18119	1.24786	1.14833	1.07530	.68718
1.399	1.977	1.18028	1.24648	1.14864	1.07808	.68964	1.18089	1.24730	1.14804	1.07506	.68700
1.399	GRADIENT	-.00005	-.00004	-.00003	-.00001	-.00002	-.00014	-.00014	-.00015	-.00015	-.00015

IA310 (AEDC 16TF-783) PORT MISORIENT-FAIRING OFF (RCMO26) (03 OCT 91)

PARAMETRIC DATA

RUN NO. 1315/ 0		RN/L = 2.49		GRADIENT INTERVAL = -5.00/ 5.00		ALPHA = .000		BETA = .000			
MACH	PHI	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.545	-2.023	.94034	1.15703	1.14925	1.06815	.67813	.94141	1.13998	1.14650	1.06422	.67950
1.545	-1.746	.94000	1.15594	1.14887	1.06767	.67781	.94101	1.13897	1.14611	1.06366	.67905
1.545	-1.469	.94113	1.15816	1.14967	1.06853	.67844	.94197	1.14025	1.14682	1.06431	.67965
1.545	-1.271	.94216	1.15680	1.14996	1.06871	.67857	.94297	1.13911	1.14705	1.06447	.67970
1.544	-.993	.94165	1.15880	1.14951	1.06817	.67812	.94236	1.14156	1.14662	1.06416	.67941
1.544	-.716	.94099	1.15813	1.14918	1.06798	.67827	.94162	1.13974	1.14608	1.06395	.67938
1.544	-.479	.94093	1.15752	1.14862	1.06746	.67776	.94173	1.13845	1.14578	1.06340	.67896
1.544	-.241	.94102	1.15799	1.14933	1.06817	.67819	.94158	1.13941	1.14646	1.06400	.67923
1.544	-.003	.94177	1.15929	1.14927	1.06808	.67818	.94234	1.14036	1.14638	1.06390	.67911
1.544	.234	.94052	1.15554	1.14891	1.06772	.67792	.94102	1.13834	1.14577	1.06330	.67875
1.544	.511	.94100	1.15677	1.14806	1.06702	.67742	.94151	1.13802	1.14492	1.06265	.67830
1.544	.749	.94010	1.15780	1.14846	1.06740	.67765	.94048	1.13884	1.14518	1.06292	.67839
1.544	.987	.94010	1.15842	1.14867	1.06745	.67781	.94049	1.14027	1.14514	1.06278	.67842
1.544	1.264	.94067	1.15769	1.14900	1.06783	.67799	.94102	1.14089	1.14542	1.06325	.67870
1.544	1.462	.94178	1.15848	1.14885	1.06776	.67793	.94191	1.13796	1.14568	1.06333	.67876
1.544	1.739	.94116	1.15736	1.14877	1.06766	.67792	.94130	1.13799	1.14523	1.06297	.67832
1.544	1.977	.94132	1.15937	1.14897	1.06788	.67831	.94145	1.14001	1.14554	1.06325	.67879
1.544	GRADIENT	.00003	.00028	-.00020	-.00017	-.00008	-.00020	-.00021	-.00039	-.00035	-.00029

IA310 (AEDC 16TF-783) PORT MISORIENT-FAIRING OFF

(RCMO27) (03 OCT 91)

PARAMETRIC DATA

ALPHA = -8.000 BETA = .000

RUN NO. 1294/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	PHI	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
.599	-2.006	.64232	.68055	.56719	.49254	.07398	.97896	1.01265	.94717	.88995	.52634
.599	-1.731	.64288	.68111	.56816	.49351	.07518	.97887	1.01262	.94715	.89002	.52634
.600	-1.496	.64240	.68025	.56751	.49295	.07561	.97760	1.01117	.94579	.88870	.52587
.599	-1.222	.64320	.68109	.56836	.49362	.07609	.97907	1.01265	.94737	.89019	.52693
.599	-1.986	.64207	.67985	.56703	.49214	.07404	.97844	1.01204	.94648	.88930	.52561
.599	-1.751	.64249	.68010	.56760	.49291	.07551	.97842	1.01190	.94654	.88943	.52626
.599	-1.477	.64175	.67992	.56731	.49255	.07520	.97781	1.01166	.94623	.88917	.52584
.599	-1.241	.64350	.68160	.56888	.49406	.07616	.98012	1.01399	.94847	.89126	.52759
.600	-1.006	.64225	.68039	.56803	.49331	.07628	.97833	1.01360	.94681	.88977	.52680
.599	.229	.64325	.68138	.56886	.49416	.07607	.97982	1.01218	.94812	.89095	.52719
.599	.504	.64130	.67973	.56728	.49263	.07466	.97849	1.01210	.94665	.88946	.52598
.600	.739	.64221	.68075	.56843	.49398	.07591	.97876	1.01247	.94693	.88983	.52625
.599	.974	.64157	.68038	.56812	.49361	.07529	.97861	1.01229	.94691	.88972	.52608
.599	1.210	.64093	.67988	.56772	.49331	.07445	.97796	1.01178	.94628	.88908	.52522
.599	1.445	.64144	.68065	.56833	.49389	.07508	.97898	1.01282	.94732	.89013	.52629
.599	1.719	.64186	.68105	.56876	.49425	.07520	.97954	1.01321	.94779	.89067	.52681
.599	1.955	.64056	.68011	.56791	.49350	.07524	.97757	1.01109	.94576	.88868	.52520
	GRADIENT	-.00042	-.00004	.00018	.00026	.00004	-.00001	.00000	.00000	.00001	-.00010

RUN NO. 1300/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	PHI	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
.900	-1.967	.79002	.82497	.71457	.64018	.21114	1.09710	1.13350	1.06764	1.01058	.64410
.900	-1.732	.78996	.82497	.71460	.64023	.21111	1.09726	1.13370	1.06781	1.01077	.64429
.900	-1.496	.78995	.82496	.71459	.64016	.21138	1.09743	1.13369	1.06789	1.01084	.64446
.900	-1.261	.78984	.82486	.71445	.64000	.21114	1.09760	1.13390	1.06807	1.01098	.64443
.900	-.987	.78966	.82487	.71451	.63992	.21117	1.09771	1.13414	1.06831	1.01131	.64475
.900	-.751	.78940	.82455	.71430	.63968	.21080	1.09753	1.13391	1.06809	1.01107	.64452
.900	-.516	.78923	.82442	.71414	.63954	.21078	1.09740	1.13380	1.06794	1.01086	.64431
.900	-.241	.78947	.82454	.71431	.63970	.21123	1.09757	1.13379	1.06796	1.01098	.64454
.900	-.006	.78997	.82511	.71489	.64033	.21167	1.09824	1.13447	1.06864	1.01159	.64501
.900	.229	.78923	.82430	.71420	.63966	.21104	1.09736	1.13346	1.06774	1.01072	.64430
.900	.504	.78971	.82486	.71474	.64021	.21145	1.09790	1.13413	1.06831	1.01130	.64469
.900	.739	.78931	.82454	.71436	.63995	.21091	1.09760	1.13381	1.06797	1.01097	.64433
.900	.974	.78987	.82502	.71496	.64066	.21137	1.09807	1.13441	1.06860	1.01158	.64497
.900	1.210	.78922	.82434	.71431	.64004	.21073	1.09738	1.13351	1.06773	1.01077	.64418
.900	1.445	.79003	.82505	.71512	.64091	.21169	1.09798	1.13410	1.06830	1.01135	.64494
.900	1.719	.78928	.82456	.71454	.64039	.21081	1.09735	1.13353	1.06778	1.01076	.64420
.900	1.955	.78929	.82463	.71462	.64047	.21103	1.09741	1.13359	1.06782	1.01081	.64424
	GRADIENT	-.00012	-.00006	.00006	.00013	-.00001	.00008	.00001	.00003	.00005	.00003

IA310 (AEDC 16TF-783) PORT MISORIENT-FAIRING OFF

(RCMO27) (03 OCT 91)

PARAMETRIC DATA

RUN NO. 1305/ 0		RN/L =		2.50		GRADIENT INTERVAL =		-5.00/ 5.00		ALPHA =		-8.000		BETA =		.000	
MACH	PHI	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2						
1.250	-2.006	1.01175	1.04841	.94417	.87324	.48364	1.29658	1.33384	1.26827	1.21202	.86807						
1.250	-1.731	1.01184	1.04837	.94412	.87324	.48369	1.29698	1.33418	1.26863	1.21241	.86839						
1.250	-1.496	1.01174	1.04837	.94415	.87313	.48368	1.29716	1.33435	1.26878	1.21255	.86857						
1.250	-1.221	1.01170	1.04833	.94402	.87304	.48360	1.29711	1.33422	1.26871	1.21256	.86836						
1.250	-.986	1.01212	1.04851	.94429	.87322	.48383	1.29744	1.33441	1.26891	1.21265	.86855						
1.250	-.751	1.01140	1.04799	.94373	.87262	.48328	1.29679	1.33404	1.26849	1.21222	.86810						
1.250	-.516	1.01146	1.04818	.94396	.87283	.48360	1.29689	1.33421	1.26867	1.21246	.86838						
1.250	-.241	1.01129	1.04780	.94358	.87252	.48316	1.29668	1.33384	1.26821	1.21203	.86794						
1.250	-.006	1.01164	1.04823	.94400	.87290	.48345	1.29721	1.33435	1.26874	1.21246	.86823						
1.250	.229	1.01147	1.04812	.94390	.87289	.48350	1.29698	1.33432	1.26877	1.21251	.86821						
1.250	.465	1.01144	1.04813	.94389	.87294	.48361	1.29691	1.33398	1.26846	1.21224	.86815						
1.250	.739	1.01145	1.04811	.94392	.87303	.48360	1.29688	1.33388	1.26833	1.21206	.86811						
1.250	.975	1.01161	1.04832	.94422	.87333	.48390	1.29710	1.33408	1.26861	1.21206	.86830						
1.250	1.210	1.01113	1.04805	.94396	.87316	.48365	1.29661	1.33377	1.26829	1.21206	.86797						
1.250	1.485	1.01147	1.04852	.94442	.87358	.48397	1.29695	1.33399	1.26851	1.21221	.86824						
1.250	1.720	1.01120	1.04845	.94435	.87358	.48397	1.29672	1.33399	1.26848	1.21224	.86816						
1.250	1.955	1.01080	1.04806	.94393	.87316	.48346	1.29643	1.33363	1.26814	1.21190	.86770						
	GRADIENT	-.00018	-.00003	.00001	.00007	.00004	-.00007	-.00009	-.00007	-.00008	-.00010						

RUN NO. 1311/ 0			RN/L = 2.50		GRADIENT INTERVAL = -5.00/ 5.00						
MACH	PHI	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CP02
1.399	-2.007	1.01982	1.07239	.96088	.88766	.49567	1.33544	1.38637	1.31173	1.24920	.88874
1.400	-1.732	1.01984	1.07278	.96115	.88788	.49589	1.33575	1.38691	1.31236	1.24974	.88932
1.400	-1.497	1.02057	1.07328	.96159	.88830	.49617	1.33681	1.38780	1.31328	1.25064	.89009
1.400	-1.261	1.01984	1.07261	.96098	.88767	.49562	1.33614	1.38704	1.31256	1.24993	.88941
1.400	-.987	1.01957	1.07219	.96056	.88729	.49517	1.33589	1.38665	1.31217	1.24960	.88915
1.399	-.752	1.02003	1.07281	.96116	.88783	.49548	1.33649	1.38747	1.31291	1.25028	.88965
1.400	-.516	1.01968	1.07247	.96085	.88756	.49555	1.33600	1.38699	1.31246	1.24992	.88947
1.400	-.242	1.01978	1.07256	.96096	.88761	.49560	1.33612	1.38711	1.31256	1.25000	.88951
1.400	-.007	1.01980	1.07258	.96100	.88773	.49584	1.33617	1.38703	1.31247	1.24994	.88956
1.400	.229	1.01965	1.07278	.96116	.88786	.49572	1.33614	1.38727	1.31281	1.25018	.88959
1.400	.464	1.01943	1.07224	.96074	.88748	.49559	1.33578	1.38661	1.31223	1.24964	.88912
1.400	.738	1.01983	1.07272	.96119	.88808	.49595	1.33626	1.38731	1.31280	1.25022	.88957
1.400	.974	1.01979	1.07249	.96109	.88804	.49601	1.33627	1.38713	1.31253	1.24995	.88940
1.400	1.209	1.01943	1.07252	.96103	.88798	.49584	1.33593	1.38701	1.31256	1.24990	.88926
1.400	1.484	1.01965	1.07268	.96126	.88829	.49603	1.33611	1.38705	1.31247	1.24999	.88934
1.400	1.719	1.01942	1.07246	.96104	.88820	.49595	1.33595	1.38687	1.31222	1.24970	.88914
1.400	1.994	1.01930	1.07240	.96095	.88813	.49586	1.33576	1.38656	1.31212	1.24947	.88883
	GRADIENT	-.00015	-.00006	.00000	.00011	.00007	-.00001	-.00003	-.00002	-.00001	-.00006

IA310 (AEDC 16TF-783) PORT MISORIENT-FAIRING OFF

(RCMO27) (03 OCT 91)

PARAMETRIC DATA

ALPHA = -8.000 BETA = .000

RUN NO. 1316/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	PHI	CPB	CPC1	CPC2	CPC3	CPC1	CPU	CPC4	CPC5	CPC6	CP02
1.543	-1.967	.59294	1.06767	.93919	.86818	.49269	.98780	1.38207	1.30143	1.23906	.88278
1.544	-1.732	.58771	1.06772	.93844	.86782	.49261	.98248	1.38182	1.30132	1.23903	.88284
1.543	-1.497	.58576	1.06656	.93656	.86628	.49136	.97910	1.37975	1.29953	1.23720	.88135
1.544	-1.222	.58891	1.06771	.93792	.86779	.49265	.98253	1.38147	1.30095	1.23864	.88266
1.544	-.987	.58864	1.06784	.93763	.86762	.49276	.98335	1.38137	1.30091	1.23862	.88270
1.543	-.751	.58858	1.06683	.93771	.86664	.49147	.98369	1.38028	1.29978	1.23745	.88138
1.544	-.477	.58866	1.06716	.93801	.86686	.49193	.98341	1.38034	1.29995	1.23757	.88170
1.543	-.242	.58652	1.06713	.93784	.86664	.49185	.98006	1.38016	1.29968	1.23737	.88136
1.545	-.006	.59083	1.06859	.93938	.86822	.49310	.98621	1.38193	1.30126	1.23893	.88300
1.544	.229	.58830	1.06775	.93836	.86726	.49222	.98228	1.38085	1.30044	1.23807	.88198
1.544	.464	.58942	1.06791	.93865	.86765	.49267	.98308	1.38097	1.30039	1.23811	.88217
1.544	.739	.58939	1.06842	.93905	.86807	.49277	.98363	1.38171	1.30099	1.23852	.88267
1.544	.974	.58769	1.06747	.93777	.86687	.49217	.98061	1.38001	1.29946	1.23706	.88120
1.543	1.209	.58773	1.06712	.93739	.86651	.49159	.98081	1.37954	1.29914	1.23669	.88057
1.544	1.445	.58832	1.06788	.93846	.86760	.49267	.98112	1.38062	1.30008	1.23776	.88178
1.543	1.719	.58889	1.06751	.93801	.86731	.49247	.98211	1.37992	1.29934	1.23697	.88114
1.544	1.994	.58840	1.06763	.93847	.86775	.49309	.98115	1.38031	1.29972	1.23736	.88155
	GRADIENT	-.00016	.00009	.00006	-.00002	.00008	-.00061	-.00031	-.00034	-.00035	-.00030

IA310 (AEDC 16TF-783) PORT MISORIENT-FAIRING OFF

(RCMO28) (03 OCT 91)

PARAMETRIC DATA

$$\text{ALPHA} = .000 \quad \text{BETA} = -.4.000$$

RUN NO.	1295/ 0	RN/L =	2.49	GRADIENT INTERVAL =	-5.00/ 5.00
---------	---------	--------	------	---------------------	-------------

[illegible]

RUN NO. 1301/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

[illegible]

IA310 (AEDC 16TF-783) PORT MISORIENT-FAIRING OFF

(RCM028) (03 OCT 91)

PARAMETRIC DATA

$$\text{ALPHA} = .000 \quad \text{BETA} = -.4.000$$

RUN NO.	1307/ 0	RN/L =	2.50	GRADIENT INTERVAL =	-5.00/ 5.00
---------	---------	--------	------	---------------------	-------------

[illegible]

RUN NO.	1312/ 0	RN/L =	2.49	GRADIENT INTERVAL =	-5.00/ 5.00
---------	---------	--------	------	---------------------	-------------

[illegible]

IA310 (AEDC 16TF-783) PORT MISORIENT-FAIRING OFF

(RCMO28) (03 OCT 91)

PARAMETRIC DATA

[illegible]

IA310 (AEDC 16TF-783) PORT MISORIENT-FAIRING OFF

(RCM029) (03 OCT 91)

PARAMETRIC DATA

$$\text{ALPHA} = .000 \quad \text{BETA} = 4.000$$

RUN NO.	1296/	0	RN/L	=	2.50	GRADIENT	INTERVAL	=	-5.00/	5.00
---------	-------	---	------	---	------	----------	----------	---	--------	------

[illegible]

RUN NO.	1302	0	RN/L	=	2.49	GRADIENT	INTERVAL	=	-5.00	/	5.00
---------	------	---	------	---	------	----------	----------	---	-------	---	------

[illegible]

IA310 (AEDC 16TF-783) PORT MISORIENT-FAIRING OFF

(RCM029) (03 OCT 91)

PARAMETRIC DATA

$$\text{ALPHA} = .000 \quad \text{BETA} = 4.000$$

RUN NO.	1308/ 0	RN/L =	2.50	GRADIENT INTERVAL =	-5.00/ 5.00
---------	---------	--------	------	---------------------	-------------

[illegible]

RUN NO.	1313/ 0	RN/L =	2.49	GRADIENT INTERVAL =	-5.00/ 5.00
---------	---------	--------	------	---------------------	-------------

[illegible]

IA310 (AEDC 16TF-783) PORT MISORIENT-FAIRING OFF

(RCM029) (03 OCT 91)

PARAMETRIC DATA

ALPHA = .000 BETA = 4.000

RUN NO. 1318/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	PHI	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.543	88.025	.80155	1.25908	1.12485	1.05424	.67623	.79560	1.24399	1.11040	1.03924	.66111
1.543	88.263	.79820	1.25535	1.12440	1.05408	.67626	.79458	1.24593	1.11073	1.03987	.66210
1.544	88.502	.79914	1.25845	1.12422	1.05363	.67538	.79598	1.25053	1.11146	1.04038	.66219
1.543	88.740	.79890	1.25654	1.12350	1.05299	.67501	.79616	1.24825	1.11074	1.03982	.66208
1.543	89.018	.79739	1.25641	1.12267	1.05211	.67398	.79569	1.24916	1.11136	1.04045	.66260
1.544	89.256	.79869	1.25784	1.12306	1.05244	.67408	.79776	1.25155	1.11255	1.04151	.66327
1.543	89.494	.79835	1.25860	1.12237	1.05155	.67311	.79804	1.25290	1.11252	1.04140	.66311
1.543	89.772	.79709	1.25646	1.12126	1.05052	.67215	.79785	1.25118	1.11232	1.04137	.66328
1.544	90.010	.79813	1.25770	1.12194	1.05119	.67272	.79914	1.25284	1.11390	1.04294	.66483
1.543	90.288	.79814	1.25672	1.12120	1.05043	.67206	.79966	1.25189	1.11304	1.04213	.66412
1.543	90.526	.79668	1.25695	1.12082	1.04994	.67139	.79890	1.25281	1.11377	1.04281	.66482
1.544	90.764	.79561	1.25366	1.12034	1.04979	.67147	.79914	1.24930	1.11449	1.04387	.66629
1.543	91.042	.79661	1.25628	1.12017	1.04931	.67068	.80059	1.25281	1.11439	1.04355	.66571
1.543	91.280	.79564	1.25524	1.11978	1.04897	.67042	.79967	1.25210	1.11493	1.04420	.66637
1.543	91.519	.79653	1.25542	1.11905	1.04810	.66953	.80224	1.25316	1.11545	1.04468	.66697
1.543	91.757	.79436	1.25434	1.11865	1.04778	.66919	.79992	1.25208	1.11563	1.04503	.66736
1.543	92.035	.79426	1.25458	1.11828	1.04736	.66861	.80054	1.25285	1.11567	1.04501	.66712
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE

(RCM030) (03 OCT 91)

PARAMETRIC DATA

BETA = -4.000 PHI = 180.000

RUN NO. 1351/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
.598	-8.099	.60973	.65121	.54587	.47610	.06143	.95800	.98861	.92902	.87380	.51573
.600	-7.097	.63743	.67746	.57561	.50562	.09131	.94090	.97362	.91036	.85308	.48790
.599	-6.117	.66169	.70159	.60190	.53215	.11774	.92428	.95945	.89257	.83322	.46150
.600	-5.142	.68611	.72644	.62890	.55972	.14628	.90660	.94271	.87249	.81230	.43502
.600	-4.164	.71024	.75086	.65491	.58651	.17460	.88808	.92604	.85278	.79097	.40870
.601	-3.198	.73264	.77333	.67978	.61179	.20224	.86867	.90786	.83158	.76836	.38156
.601	-2.235	.75403	.79469	.70351	.63579	.22853	.84843	.88881	.80986	.74527	.35392
.600	-1.264	.77722	.81690	.72840	.66135	.25703	.82850	.86970	.78842	.72180	.32701
.601	-.275	.79731	.83619	.75141	.68485	.28496	.80590	.84740	.76324	.69571	.29822
.600	.716	.81561	.85413	.77205	.70588	.30882	.78227	.82403	.73714	.66854	.26737
.600	1.739	.83897	.87627	.79737	.73217	.33979	.76169	.80323	.71391	.64431	.24112
	GRADIENT	.02165	.02106	.02399	.02451	.02782	-.02162	-.02101	-.02372	-.02507	-.02861

IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE

(RCM030) (03 OCT 91)

PARAMETRIC DATA

BETA = -4.000 PHI = 180.000

RUN NO. 1341/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
.800	-8.063	.69764	.73617	.63013	.55849	.12442	1.02863	1.06090	.99964	.94420	.57788
.799	-7.056	.72275	.76104	.65778	.58619	.15211	1.01276	1.04753	.98256	.92493	.55061
.800	-6.067	.74613	.78493	.68369	.61318	.18084	.99574	1.03266	.96444	.90495	.52439
.800	-5.088	.76961	.80917	.70993	.63978	.20904	.97858	1.01734	.94556	.88402	.49757
.800	-4.103	.79269	.83238	.73547	.66570	.23836	.96077	1.00067	.92595	.86241	.47040
.800	-3.132	.81414	.85480	.76037	.69074	.26635	.94273	.98380	.90575	.84076	.44337
.800	-2.158	.83562	.87620	.78432	.71523	.29483	.92329	.96519	.88443	.81804	.41577
.800	-1.185	.85636	.89719	.80791	.73970	.32292	.90368	.94593	.86227	.79508	.38842
.800	-.188	.87557	.91670	.82997	.76255	.35045	.88254	.92512	.83863	.77039	.36002
.800	.802	.89571	.93625	.85238	.78550	.37816	.86105	.90343	.81457	.74514	.33090
.800	1.818	.91550	.95470	.87405	.80804	.40647	.83900	.88087	.78970	.71894	.30152
GRADIENT		.02070	.02066	.02338	.02405	.02838	-.02063	-.02030	-.02308	-.02425	-.02853

RUN NO. 1329/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
.900	-8.058	.76306	.79975	.69574	.62544	.20099	1.07887	1.11183	1.05071	.99613	.63481
.900	-7.048	.78662	.82412	.72259	.65249	.22880	1.06306	1.09859	1.03389	.97728	.60856
.899	-6.066	.80763	.84594	.74661	.67683	.25472	1.04538	1.08273	1.01490	.95638	.58161
.900	-5.081	.83099	.87046	.77288	.70409	.28338	1.02998	1.06920	.99842	.93768	.55721
.900	-4.105	.85321	.89288	.79743	.72920	.31056	1.01324	1.05420	.97975	.91744	.53098
.900	-3.133	.87329	.91357	.82044	.75252	.33618	.99589	1.03732	.96002	.89619	.50462
.900	-2.163	.89381	.93429	.84392	.77601	.36320	.97761	1.01984	.93969	.87475	.47854
.900	-1.192	.91292	.95370	.86586	.79843	.38924	.95834	1.00081	.91785	.85199	.45181
.900	-.197	.93221	.97314	.88795	.82146	.41627	.93846	.98099	.89570	.82871	.42487
.900	.789	.95110	.99155	.90923	.84352	.44307	.91804	.96033	.87251	.80434	.39664
.900	1.806	.96960	1.00955	.93007	.86517	.46951	.89641	.93832	.84817	.77891	.36763
GRADIENT		.01972	.01978	.02249	.02306	.02700	-.01980	-.01963	-.02229	-.02343	-.02758

RUN NO. 1320/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.098	-8.001	.92048	.95389	.85761	.79215	.40701	1.20480	1.23594	1.17917	1.12728	.79524
1.099	-6.974	.94273	.97686	.88292	.81771	.43320	1.19037	1.22354	1.16340	1.10947	.77119
1.100	-5.985	.96332	.99825	.90637	.84097	.45793	1.17610	1.21098	1.14794	1.09243	.74826
1.100	-4.996	.98305	1.01959	.92934	.86426	.48248	1.16059	1.19724	1.13126	1.07394	.72417
1.101	-4.007	1.00247	1.03953	.95091	.88663	.50621	1.14412	1.18215	1.11321	1.05471	.69961
1.101	-3.022	1.02096	1.05884	.97240	.90842	.52960	1.12753	1.16672	1.09474	1.03507	.67598
1.100	-2.040	1.03984	1.07706	.99313	.92965	.55297	1.11101	1.15045	1.07603	1.01516	.65213
1.100	-1.036	1.05829	1.09573	1.01459	.95123	.57810	1.09318	1.13289	1.05590	.99366	.62672
1.100	-.075	1.07502	1.11251	1.03367	.97092	.60117	1.07582	1.11541	1.03639	.97283	.60260
1.100	.932	1.09305	1.13073	1.05411	.99194	.62638	1.05824	1.09738	1.01600	.95144	.57820
1.100	1.936	1.10995	1.14725	1.07294	1.01241	.65018	1.03908	1.07785	.99382	.92855	.55245
GRADIENT		.01832	.01841	.02078	.02134	.02425	-.01749	-.01723	-.01978	-.02098	-.02474

IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE

(RCMO30) (03 OCT 91)

PARAMETRIC DATA

BETA = -4.000 PHI = 180.000

RUN NO. 1365/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CP01	CPU	CPC4	CPC5	CPC6	CP02
1.249	-8.047	.98790	1.02691	.92711	.85969	.47459	1.28111	1.31504	1.25426	1.20007	.86098
1.250	-7.037	1.00968	1.04957	.95190	.88455	.49340	1.26638	1.30305	1.23906	1.18281	.83746
1.250	-6.046	1.02936	1.06978	.97395	.90759	.52272	1.25036	1.30305	1.22178	1.16374	.81346
1.250	-5.062	1.04866	1.09001	.99571	.92962	.54567	1.23412	1.27405	1.20302	1.14400	.78942
1.250	-4.083	1.06912	1.11137	1.01909	.95243	.57033	1.21749	1.25869	1.18594	1.12570	.76649
1.250	-3.106	1.08721	1.12986	1.03992	.97372	.59351	1.19940	1.24220	1.16697	1.10520	.74255
1.250	-2.129	1.10518	1.14816	1.06064	.99491	.61720	1.18194	1.22581	1.14806	1.08495	.71899
1.250	-1.148	1.12246	1.16560	1.08018	1.01550	.64023	1.16385	1.20825	1.12796	1.06415	.69496
1.250	-.153	1.14131	1.18409	1.10107	1.03686	.66431	1.14579	1.19006	1.10742	1.04264	.67075
1.250	-.842	1.15871	1.20103	1.12064	1.05701	.68756	1.12672	1.17073	1.08572	1.02030	.64572
1.250	1.853	1.17724	1.21875	1.14118	1.07803	.71217	1.10773	1.15118	1.06416	.99774	.62098
	GRADIENT	.01819	.01807	.02052	.02114	.02387	-.01845	-.01811	-.02054	-.02153	-.02451

RUN NO. 1376/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CP01	CPU	CPC4	CPC5	CPC6	CP02
1.400	-8.008	.99632	1.05268	.94515	.87569	.49058	1.31675	1.36400	1.29438	1.23416	.88067
1.400	-7.026	1.01731	1.07535	.96931	.89914	.51282	1.30046	1.35069	1.27747	1.21551	.85710
1.400	-6.038	1.03768	1.09762	.99315	.92266	.53575	1.28269	1.33547	1.25933	1.19650	.83298
1.400	-5.051	1.05723	1.11790	1.01541	.94541	.55857	1.26214	1.31798	1.23939	1.17523	.80726
1.400	-4.068	1.07816	1.13928	1.03893	.96924	.58262	1.24229	1.30216	1.22032	1.15437	.78294
1.400	-3.089	1.09789	1.15916	1.06107	.99142	.60560	1.22250	1.28391	1.19962	1.13245	.75823
1.400	-2.113	1.11798	1.17958	1.08354	1.01369	.62890	1.20352	1.26583	1.17912	1.11081	.73379
1.400	-1.135	1.13782	1.19954	1.10582	1.03641	.65271	1.18401	1.24712	1.15790	1.08916	.70887
1.400	-.134	1.15719	1.21835	1.12675	1.05813	.67672	1.16266	1.22630	1.13482	1.06556	.68291
1.400	.856	1.17697	1.23722	1.14817	1.07997	.70144	1.14140	1.20550	1.11200	1.04189	.65766
1.400	1.871	1.19811	1.25675	1.17059	1.10314	.72723	1.12076	1.18442	1.08944	1.01815	.63264
	GRADIENT	.02013	.01977	.02212	.02251	.02432	-.02050	-.01985	-.02211	-.02294	-.02539

RUN NO. 1388/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CP01	CPU	CPC4	CPC5	CPC6	CP02
1.449	-8.093	.97803	1.05151	.94210	.87280	.49208	1.31935	1.37581	1.30376	1.24255	.88774
1.450	-7.082	.99987	1.07507	.96707	.89761	.51328	1.29835	1.36089	1.28458	1.22175	.86308
1.450	-6.101	1.01961	1.09710	.99100	.92134	.53497	1.27796	1.34339	1.26418	1.20068	.83808
1.450	-5.120	1.03954	1.11864	1.01465	.94483	.55765	1.25624	1.32493	1.24475	1.17997	.81328
1.450	-4.148	1.05935	1.13975	1.03794	.96816	.58124	1.23423	1.30882	1.22601	1.15959	.78859
1.450	-3.177	1.07937	1.15946	1.05967	.99044	.60443	1.21338	1.29201	1.20475	1.13695	.76307
1.450	-2.212	1.09848	1.17963	1.08128	1.01239	.62756	1.19208	1.27275	1.18233	1.11372	.73739
1.450	-1.242	1.12046	1.20122	1.10468	1.03577	.65239	1.17216	1.25335	1.16090	1.09127	.71318
1.450	-.246	1.14141	1.22197	1.12786	1.05870	.67769	1.15040	1.23273	1.13879	1.06799	.68777
1.450	.742	1.16201	1.24069	1.14942	1.08053	.70237	1.12779	1.21064	1.11503	1.04412	.66179
1.450	1.764	1.18408	1.26049	1.17172	1.10407	.72890	1.10511	1.18904	1.09106	1.02015	.63685
	GRADIENT	.02115	.02058	.02278	.02303	.02502	-.02179	-.02041	-.02280	-.02359	-.02568

(RCMO30) (03 OCT 91)

IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE

PARAMETRIC DATA

BETA = -4.000 PHI = 180.000

RUN NO. 1433/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.471	-8.080	.95345	1.04910	.93790	.86890	.48482	1.30431	1.37242	1.29831	1.23537	.87930
1.471	-7.070	.97237	1.07342	.96419	.89445	.50863	1.28162	1.35810	1.27848	1.21436	.85435
1.471	-6.089	.99054	1.09583	.98910	.91868	.53073	1.25853	1.33943	1.25775	1.19330	.82914
1.471	-5.106	1.00884	1.11762	1.01280	.94268	.55315	1.23228	1.32103	1.23722	1.17164	.80403
1.470	-4.134	1.02627	1.13797	1.03549	.96573	.57516	1.20663	1.30259	1.21596	1.14854	.77862
1.471	-3.162	1.04553	1.15889	1.05803	.98858	.59850	1.18413	1.28556	1.19641	1.12797	.75556
1.470	-2.193	1.06487	1.17852	1.07930	1.00971	.62190	1.15978	1.26528	1.17367	1.10508	.72986
1.471	-1.225	1.08389	1.19788	1.10048	1.03144	.64541	1.13623	1.24602	1.15195	1.08283	.70501
1.470	-.227	1.10498	1.21683	1.12166	1.05379	.67001	1.11336	1.22582	1.12976	1.05969	.67910
1.470	.765	1.12751	1.23596	1.14338	1.07583	.69477	1.09195	1.20515	1.10752	1.03705	.65413
1.470	1.785	1.15072	1.25533	1.16512	1.09799	.72001	1.07014	1.18330	1.08462	1.01328	.62972
GRADIENT		.02095	.01974	.02183	.02232	.02449	-.02321	-.02024	-.02233	-.02296	-.02539

RUN NO. 1400/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.495	-8.080	.93412	1.05288	.94109	.87273	.49051	1.29490	1.37791	1.30336	1.24088	.88455
1.495	-7.064	.94833	1.07696	.96698	.89786	.51407	1.26657	1.36258	1.23871	1.22002	.85941
1.496	-6.080	.95910	1.09846	.99077	.92095	.53570	1.23775	1.34534	1.26321	1.19902	.83413
1.495	-5.097	.96890	1.12101	1.01479	.94485	.55750	1.20475	1.32580	1.24164	1.17689	.80782
1.495	-4.121	.98391	1.14297	1.03851	.96887	.58039	1.17415	1.30810	1.22179	1.15545	.78285
1.495	-3.152	.99942	1.16433	1.06180	.99257	.60403	1.14409	1.29024	1.20177	1.13381	.75832
1.495	-2.183	1.01393	1.18416	1.08349	1.01431	.62673	1.11469	1.27188	1.18041	1.11171	.73336
1.496	-1.209	1.03361	1.20442	1.10562	1.03684	.65129	1.08948	1.25317	1.15874	1.08912	.70882
1.496	-.214	1.05389	1.22299	1.12673	1.05904	.67610	1.06368	1.23232	1.13548	1.06516	.68306
1.496	.780	1.07942	1.24316	1.14928	1.08192	.70184	1.04161	1.21123	1.11232	1.04108	.65820
1.495	1.800	1.10603	1.26217	1.17087	1.10348	.72633	1.02043	1.18811	1.08775	1.01576	.63246
GRADIENT		.02054	.02007	.02229	.02273	.02474	-.02597	-.02021	-.02269	-.02360	-.02543

RUN NO. 1421/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.517	-8.074	.81476	1.04652	.93458	.86681	.48587	1.21575	1.37261	1.29843	1.23734	.88262
1.521	-7.062	.75022	1.07330	.96034	.89180	.51058	1.12680	1.36022	1.27989	1.21603	.85665
1.520	-6.081	.75279	1.09701	.98382	.91539	.53326	1.07947	1.34219	1.25830	1.19352	.83142
1.518	-5.103	.75902	1.11981	1.00676	.93763	.55496	1.03426	1.32049	1.23545	1.17049	.80512
1.519	-4.122	.75452	1.14176	1.02954	.96057	.57739	.97879	1.30148	1.21522	1.14938	.78036
1.529	-3.154	.75292	1.16107	1.05082	.98219	.59970	.92698	1.28372	1.19408	1.12722	.75482
1.519	-2.182	.76472	1.17969	1.07200	1.00355	.62264	.88616	1.26528	1.17217	1.10427	.72987
1.518	-1.207	.78406	1.19771	1.09363	1.02527	.64594	.85162	1.24531	1.14924	1.07991	.70443
1.518	-.213	.80645	1.21663	1.11671	1.04854	.66988	.81991	1.22529	1.12639	1.05976	.67901
1.518	.779	.84120	1.23465	1.13912	1.07181	.69432	.80025	1.20446	1.10263	1.03177	.65357
1.519	1.799	.87580	1.25277	1.16130	1.09536	.71986	.77845	1.18350	1.07822	1.00711	.62824
GRADIENT		.02114	.01873	.02234	.02278	.02406	-.03331	-.02002	-.02318	-.02414	-.02571

IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE

(RCMO30) (03 OCT 91)

PARAMETRIC DATA

RUN NO. 1410/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00 BETA = -4.000 PHI = 180.000

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPC4	CPC5	CPC6	CP02
1.517	-8.078	.60301	1.04154	.92273	.85517	.48139	1.01823	1.36488	.87233
1.543	-7.069	.61277	1.06897	.94817	.87911	.50328	.95974	1.34548	.84503
1.543	-5.101	.64700	1.12065	.99680	.92545	.54965	.89264	1.30963	.79439
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE

(RCMO31) (03 OCT 91)

PARAMETRIC DATA

RUN NO. 1423/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00 BETA = -4.000 PHI = 180.000

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPC4	CPC5	CPC6	CP02
1.517	-8.074	.82413	1.04012	.92943	.86211	.48180	1.21997	1.36696	.88015
1.517	-7.066	.80330	1.06365	.95350	.88568	.50606	1.16528	1.34986	.85388
1.516	-6.081	.79498	1.08407	.97540	.90761	.52728	1.11279	1.33056	.82738
1.516	-5.103	.79195	1.10731	.99851	.93052	.54909	1.06219	1.31380	.80220
1.517	-4.124	.80350	1.13014	1.02195	.95382	.57145	1.02410	1.29538	.77712
1.517	-3.155	.81835	1.15033	1.04402	.99592	.59395	.98672	1.27510	.75173
1.516	-2.182	.82794	1.16936	1.06609	.99815	.61676	.94585	1.25682	.72733
1.516	-1.210	.84597	1.18871	1.08822	1.02095	.64043	.91093	1.23750	.70247
1.517	-.211	.87060	1.20908	1.11139	1.04441	.66572	.88077	1.21784	.67785
1.516	.780	.89931	1.22689	1.13222	1.06560	.68886	.85443	1.19500	.65090
1.516	1.798	.93646	1.24623	1.15481	1.08826	.71385	.83877	1.17322	.62453
	GRADIENT	.02190	.01960	.02247	.02278	.02413	-.03204	-.02049	-.02568

RUN NO. 1411/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPC4	CPC5	CPC6	CP02
1.542	-8.071	.60131	1.04048	.92138	.85395	.47889	1.01203	1.36286	.87036
1.543	-7.065	.61216	1.06832	.94771	.87852	.50214	.95784	1.34462	.84464
1.542	-6.079	.62345	1.09352	.97161	.90142	.52530	.92031	1.32642	.81949
1.542	-5.097	.64550	1.11934	.99580	.92435	.54896	.89090	1.30811	.79307
1.543	-4.125	.67143	1.14326	1.02060	.94795	.57208	.86415	1.29406	.76813
1.542	-3.153	.70162	1.16726	1.04344	.97056	.59405	.84277	1.28177	.74285
1.542	-2.182	.73830	1.19313	1.06562	.99297	.61577	.83383	1.27445	.71819
1.542	-1.210	.78218	1.22538	1.08811	1.01605	.63904	.83344	1.27336	.69350
1.542	-.213	.81471	1.25725	1.10949	1.03871	.66257	.82333	1.27336	.66735
1.543	.781	.82078	1.26239	1.12889	1.06034	.68647	.78479	1.24076	.64152
1.543	1.797	.81823	1.26009	1.14938	1.08365	.71204	.73238	1.20622	.61729
	GRADIENT	.02729	.02187	.02177	.02291	.02361	-.01907	-.01279	-.02558

IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE

(RCMO32) (03 OCT 91)

PARAMETRIC DATA

BETA = -3.000 PHI = 180.000

RUN NO. 1352/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
.599	-8.031	.62332	.66191	.55616	.48184	.07069	.96422	.99557	.93342	.87708	.51668
.600	-7.070	.64974	.68931	.58442	.51038	.09935	.95006	.98372	.91786	.85933	.49239
.600	-6.088	.67523	.71509	.61188	.53841	.12691	.93398	.96921	.89978	.83948	.46607
.600	-5.106	.70192	.74219	.64083	.56800	.15668	.91816	.95489	.88188	.82027	.44019
.601	-4.134	.72354	.76413	.66494	.59368	.18285	.89822	.93656	.86066	.79780	.41329
.601	-3.169	.74684	.78729	.69006	.61909	.20996	.87976	.91939	.84036	.77602	.38621
.601	-2.214	.76892	.80912	.71472	.64463	.23719	.86005	.90121	.81934	.75376	.35976
.601	-1.261	.79054	.82922	.73868	.66905	.26456	.84110	.88246	.79802	.73117	.33341
.601	-.285	.80943	.84855	.76077	.69181	.29115	.81906	.86120	.77428	.70571	.30527
.600	.713	.83091	.86946	.78442	.71621	.31842	.79868	.83988	.75002	.68035	.27611
.601	1.751	.85014	.88816	.80630	.73974	.34675	.77382	.81457	.72215	.65131	.24561
GRADIENT		.02151	.02105	.02408	.02484	.02788	-.02108	-.02067	-.02346	-.02484	-.02845

RUN NO. 1342/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
.799	-8.047	.70995	.74705	.63878	.56298	.13163	1.03742	1.07116	1.00766	.95093	.58231
.800	-7.036	.73513	.77376	.66731	.59179	.16063	1.02166	1.05739	.98998	.93133	.55480
.800	-6.046	.75962	.79934	.69424	.61996	.18945	1.00626	1.04435	.97336	.91279	.52966
.800	-5.059	.78298	.82254	.72008	.64666	.21767	.98852	1.02807	.95365	.89135	.50241
.800	-4.081	.80602	.84633	.74602	.67355	.24634	.97128	1.01216	.93467	.87036	.47573
.800	-3.109	.82752	.86806	.77041	.69793	.27422	.95300	.99486	.91472	.84904	.44904
.800	-2.144	.84842	.88946	.79447	.72308	.30106	.93467	.97730	.89401	.82668	.42159
.800	-1.182	.86846	.90934	.81724	.74736	.32855	.91485	.95813	.87204	.80361	.39409
.800	-.200	.88826	.92940	.83996	.77078	.35589	.89497	.93802	.84892	.77951	.36633
.800	.797	.90737	.94832	.86168	.79316	.38379	.87413	.91614	.82493	.75420	.33755
.800	1.824	.92717	.96712	.88394	.81644	.41254	.85130	.89285	.79886	.72702	.30712
GRADIENT		.02049	.02048	.02336	.02427	.02812	-.02030	-.02020	-.02302	-.02427	-.02855

RUN NO. 1330/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
.900	-8.078	.77417	.80996	.70414	.62978	.20537	1.08759	1.12197	1.05862	1.00308	.63966
.900	-7.025	.79829	.83632	.73175	.65783	.23404	1.07183	1.10847	1.04152	.98384	.61275
.899	-6.037	.82006	.85941	.75668	.68335	.26055	1.05559	1.09422	1.02392	.96431	.58729
.900	-5.053	.84317	.88316	.78258	.71066	.28848	1.03963	1.07970	1.00603	.94450	.56162
.900	-4.082	.86425	.90431	.80589	.73562	.31481	1.02192	1.06327	.98677	.92334	.53475
.900	-3.110	.88513	.92568	.83001	.75923	.34171	1.00530	1.04762	.96805	.90326	.50959
.900	-2.146	.90555	.94593	.85345	.78371	.36862	.98710	1.03011	.94779	.88188	.48336
.900	-1.188	.92407	.96510	.87513	.80593	.39449	.96855	1.01202	.92679	.85989	.45732
.900	-.208	.94255	.98380	.89621	.82034	.42013	.94870	.99194	.90416	.82933	.42933
.900	.783	.96107	1.00227	.91749	.85027	.44672	.92899	.97135	.88130	.81164	.40154
.900	1.810	.98019	1.02046	.93883	.87268	.47376	.90777	.94947	.85681	.78607	.37190
.899	GRADIENT	.01958	.01968	.02249	.02327	.02694	-.01947	-.01943	-.02216	-.02339	-.02769

IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE

(RCM032) (03 OCT 91)

PARAMETRIC DATA

BETA = -3.000 PHI = 180.000

RUN NO. 1321/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPC01	CPU	CPC4	CPC5	CPC6	CPC02
1.099	-8.036	.93030	.96347	.86485	.79572	.41126	1.21277	1.24526	1.18674	1.13407	.80037
1.100	-6.965	.95375	.98836	.89133	.82246	.43821	1.19941	1.23355	1.17137	1.11658	.77649
1.100	-5.978	.97291	1.00930	.91376	.84501	.46207	1.18406	1.22016	1.15502	1.09852	.75233
1.101	-4.983	.99304	1.03019	.93689	.86892	.48667	1.16855	1.20632	1.13801	1.07997	.72816
1.100	-3.997	1.01241	1.05009	.95846	.89205	.51034	1.15276	1.19173	1.12048	1.06119	.70397
1.100	-3.011	1.03130	1.06900	.97988	.91397	.53369	1.13669	1.17659	1.10247	1.04194	.68061
1.100	-2.033	1.04996	1.08739	1.00126	.93623	.55793	1.11976	1.15998	1.08315	1.02149	.65615
1.100	-1.052	1.06784	1.10587	1.02228	.95803	.58259	1.10240	1.14292	1.06381	1.00072	.63134
1.099	-.054	1.08438	1.12330	1.04168	.97795	.60589	1.08455	1.12475	1.04354	.97891	.60616
1.100	.925	1.10170	1.14031	1.06117	.99801	.62986	1.06834	1.10753	1.02394	.95825	.58276
1.100	1.921	1.11911	1.15754	1.08084	1.01923	.65452	1.05018	1.08878	1.00244	.93606	.55754
GRADIENT		.01819	.01841	.02087	.02169	.02432	-.01721	-.01711	-.01966	-.02092	-.02474

RUN NO. 1366/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPC01	CPU	CPC4	CPC5	CPC6	CPC02
1.250	-8.037	.99913	1.03752	.93566	.86448	.47990	1.28906	1.32430	1.26191	1.20687	.86509
1.250	-7.016	1.01909	1.05968	.95825	.88835	.50312	1.27352	1.31144	1.24504	1.18757	.84011
1.250	-6.028	1.03942	1.08098	.98142	.91181	.52707	1.25830	1.29805	1.22796	1.16890	.81696
1.250	-5.043	1.05943	1.10207	1.00447	.93575	.55106	1.24196	1.28238	1.20974	1.15004	.79310
1.250	-4.065	1.07756	1.12041	1.02563	.95722	.57411	1.22358	1.26657	1.19173	1.13058	.76898
1.250	-3.086	1.09630	1.13958	1.04729	.97982	.59818	1.20721	1.25182	1.17424	1.11151	.74643
1.250	-2.115	1.11533	1.15822	1.06796	1.00128	.62173	1.19050	1.23514	1.15502	1.09114	.72258
1.250	-1.149	1.13314	1.17653	1.08850	1.02261	.64540	1.17323	1.21800	1.13559	1.07064	.69955
1.250	-.160	1.15080	1.19421	1.10856	1.04312	.66829	1.15501	1.19964	1.11476	1.04901	.67523
1.250	.833	1.16833	1.21160	1.12869	1.06348	.69167	1.13691	1.18096	1.09355	1.02702	.65043
1.250	1.859	1.18560	1.22850	1.14846	1.08423	.71591	1.11743	1.16065	1.07124	1.00346	.62482
GRADIENT		.01827	.01829	.02074	.02141	.02390	-.01794	-.01796	-.02043	-.02150	-.02437

RUN NO. 1377/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPC01	CPU	CPC4	CPC5	CPC6	CPC02
1.400	-8.024	1.00613	1.06313	.95286	.87954	.49434	1.32542	1.37382	1.30207	1.24097	.88554
1.400	-7.012	1.02691	1.08715	.97752	.90473	.51725	1.30802	1.35940	1.28401	1.22140	.86089
1.400	-6.022	1.04677	1.10855	1.00105	.92796	.53971	1.28932	1.34365	1.26573	1.20184	.83647
1.400	-5.035	1.06713	1.12899	1.02434	.95268	.56368	1.26891	1.32754	1.24620	1.18080	.81125
1.400	-4.052	1.08726	1.14914	1.04654	.97526	.58641	1.24952	1.31046	1.22593	1.15915	.78625
1.400	-3.074	1.10756	1.17003	1.06930	.99788	.60950	1.23044	1.29276	1.20559	1.13788	.76177
1.400	-2.101	1.12758	1.19002	1.09157	1.02044	.63281	1.21095	1.27402	1.18507	1.11624	.73714
1.400	-1.133	1.14696	1.20971	1.11286	1.04276	.65634	1.19161	1.25488	1.16382	1.09438	.71203
1.400	-.146	1.16664	1.22882	1.13487	1.06560	.68121	1.17190	1.23615	1.14229	1.07178	.68781
1.400	.846	1.18563	1.24705	1.15537	1.08641	.70473	1.15096	1.21519	1.11938	1.04774	.66162
1.400	1.876	1.20569	1.26633	1.17740	1.10848	.73046	1.12965	1.19346	1.09578	1.02338	.63569
GRADIENT		.01996	.01974	.02205	.02255	.02433	-.02022	-.01973	-.02197	-.02292	-.02543

IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE (RCMO32) (03 OCT 91)

PARAMETRIC DATA

BETA = -3.000 PHI = 180.000

RUN NO. 1389/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPC1	CPU	CPC4	CPC5	CPC6	CPC2
1.450	-8.066	.98869	1.06310	.95094	.87863	.49693	1.32643	1.38454	1.31012	1.24785	.89214
1.451	-7.052	1.00911	1.08705	.97541	.90374	.51763	1.30492	1.36824	1.28958	1.22663	.86658
1.450	-6.070	1.02849	1.10949	.99927	.92737	.53893	1.28487	1.35144	1.27115	1.20721	.84244
1.450	-5.086	1.04812	1.12930	1.02298	.95105	.56171	1.26127	1.33359	1.25143	1.18508	.81646
1.450	-4.118	1.06668	1.14901	1.04444	.97305	.58418	1.23962	1.31743	1.23040	1.16245	.79084
1.449	-3.146	1.08676	1.16975	1.06654	.99545	.60745	1.22069	1.29972	1.20923	1.14105	.76592
1.450	-2.194	1.10826	1.19237	1.09062	.96309	.63209	1.20036	1.28045	1.18840	1.11988	.74172
1.450	-1.241	1.12760	1.21295	1.11374	.90317	.65636	1.17812	1.26113	1.16709	1.09702	.71686
1.450	-.259	1.14851	1.23253	1.13629	.86618	.68166	1.15703	1.24081	1.14531	1.07345	.69218
1.450	.741	1.16885	1.25074	1.15695	.80711	.70585	1.13557	1.21979	1.12186	1.04925	.66564
1.450	1.777	1.19132	1.27075	1.17955	1.11072	.73293	1.11438	1.19932	1.09896	1.02574	.64029
GRADIENT		.02111	.02070	.02306	.02346	.02529	-.02151	-.02022	-.02235	-.02337	-.02562

RUN NO. 1434/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPC1	CPU	CPC4	CPC5	CPC6	CPC2
1.470	-8.056	.96197	1.06101	.94654	.87391	.49034	1.30996	1.38182	1.30450	1.24019	.88250
1.471	-7.049	.97935	1.08515	.97167	.89956	.51312	1.28722	1.36537	1.28366	1.21910	.85693
1.471	-6.062	.99743	1.10683	.99650	.92417	.53444	1.26245	1.34733	1.26377	1.19809	.83167
1.471	-5.079	1.01467	1.12790	1.02043	.94885	.55690	1.23629	1.32965	1.24338	1.17650	.80709
1.471	-4.102	1.03330	1.14916	1.04349	.97257	.58020	1.21190	1.31174	1.22257	1.15452	.78296
1.470	-3.136	1.05184	1.16939	1.06533	.99447	.60223	1.18822	1.29327	1.20170	1.13255	.75854
1.470	-2.174	1.06979	1.18917	1.08684	.901616	.62564	1.16330	1.27393	1.17948	1.11004	.73319
1.470	-1.219	1.08915	1.20761	1.10754	.803743	.64926	1.14054	1.25411	1.15743	1.08721	.70821
1.471	-.238	1.11028	1.22742	1.12960	.86064	.67411	1.11871	1.23570	1.13665	1.06525	.68377
1.471	.757	1.13160	1.24560	1.15014	.908194	.69820	1.09681	1.21485	1.11400	1.04159	.65779
1.471	1.796	1.15581	1.26501	1.17257	1.10464	.72479	1.07604	1.19331	1.09187	1.01868	.63313
GRADIENT		.02071	.01962	.02187	.02245	.02459	-.02315	-.02008	-.02226	-.02313	-.02554

RUN NO. 1401/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPC1	CPU	CPC4	CPC5	CPC6	CPC2
1.496	-8.059	.94057	1.06491	.94969	.87758	.49605	1.29889	1.38744	1.31022	1.24666	.88811
1.496	-7.038	.95288	1.08949	.97550	.90364	.51958	1.27037	1.37134	1.29001	1.22538	.86247
1.495	-6.053	.96055	1.11048	.99897	.92751	.53999	1.23831	1.35292	1.26909	1.20426	.83640
1.496	-5.073	.97109	1.13382	1.02371	.95206	.56212	1.20467	1.33518	1.24915	1.18314	.81086
1.495	-4.096	.98274	1.15517	1.04652	.97547	.58454	1.17151	1.31768	1.22829	1.16034	.78531
1.495	-3.128	.99838	1.17660	1.06954	.99869	.60779	1.14359	1.30068	1.20820	1.13906	.76166
1.495	-2.164	1.01086	1.19614	1.09127	.90209	.63109	1.11141	1.28077	1.18612	1.11595	.73675
1.495	-1.205	1.02682	1.21480	1.11288	.804292	.65543	1.08302	1.26154	1.16480	1.09380	.71207
1.496	-.224	1.04726	1.23361	1.13411	.86046	.68046	1.05771	1.24208	1.14262	1.07086	.68728
1.495	.773	1.07302	1.25184	1.15482	.908646	.70395	1.03693	1.22179	1.11998	1.04698	.66184
1.496	1.807	1.10292	1.27204	1.17761	1.10944	.72951	1.01816	1.20022	1.09624	1.02224	.63603
GRADIENT		.01993	.01962	.02210	.02265	.02465	-.02645	-.02000	-.02245	-.02345	-.02539

(RCMO32) (03 OCT 91)

PARAMETRIC DATA

RUN NO. 1424/ 0		RN/L = 2.49		GRADIENT INTERVAL = -5.00/ 5.00		BETA = -3.000		PHI = 180.000			
MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.515	-8.053	.82578	1.04806	.93584	.86670	.48466	1.21810	1.37032	1.29477	1.23430	.88086
1.516	-7.041	.80099	1.07318	.96081	.89131	.51042	1.16041	1.35611	1.27744	1.21481	.85062
1.516	-6.059	.78727	1.09753	.98354	.91400	.53197	1.10512	1.33996	1.25778	1.19301	.83055
1.516	-5.074	.78720	1.12126	1.00585	.93618	.55300	1.05658	1.32140	1.23541	1.17104	.80467
1.516	-4.101	.79871	1.14531	1.03021	.96054	.57617	1.01674	1.30353	1.21666	1.15142	.78032
1.516	-3.123	.79882	1.16601	1.05263	.98310	.59882	.97012	1.28740	1.19726	1.13021	.75602
1.516	-2.166	.80200	1.18525	1.07443	1.00519	.62156	.92236	1.27008	1.17635	1.10705	.73126
1.515	-1.207	.81349	1.20246	1.09475	1.02572	.64359	.87974	1.25058	1.15350	1.08250	.70524
1.515	-.224	.83879	1.22110	1.11773	1.04904	.66826	.85112	1.23117	1.13069	1.05941	.68004
1.516	.773	.86585	1.23879	1.14008	1.07183	.69196	.82409	1.20935	1.10483	1.03359	.65435
1.516	1.808	.90677	1.25840	1.16381	1.09661	.71860	.80715	1.18700	1.07964	1.00781	.62814
1.515	GRADIENT	.01811	.01896	.02254	.02293	.02405	-.03605	-.01984	-.02337	-.02446	-.02589

RUN NO. 1412/ 0		RN/L = 2.50		GRADIENT INTERVAL = -5.00/ 5.00							
MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.543	-8.056	.59982	1.04986	.93107	.86158	.48140	1.00052	1.37040	1.29260	1.23066	.87369
1.542	-7.042	.61114	1.07371	.95736	.88646	.50611	.95217	1.35226	1.27158	1.20853	.84769
1.542	-6.057	.62719	1.09407	.98149	.90932	.53017	.92088	1.33406	1.25048	1.18638	.82232
1.543	-5.077	.65131	1.11229	1.00683	.93308	.55460	.89271	1.31883	1.23017	1.16502	.79717
1.542	-4.095	.68257	1.12419	1.03072	.95573	.57620	.87132	1.30654	1.20877	1.14199	.77137
1.543	-3.126	.73659	1.11833	1.05572	.97950	.59831	.87183	1.30482	1.18910	1.12067	.74664
1.542	-2.163	.80676	1.10466	1.08048	1.00304	.62027	.89334	1.32095	1.17059	1.09858	.72149
1.542	-1.207	.84661	1.14782	1.10359	1.02577	.64294	.89248	1.31046	1.15282	1.07703	.69686
1.542	-.222	.87124	1.22361	1.12389	1.04720	.66604	.87895	1.25684	1.13308	1.05449	.67108
1.543	.773	.88354	1.29181	1.14192	1.06810	.68964	.85392	1.19136	1.11216	1.03152	.64581
1.542	1.807	.88264	1.30951	1.16002	1.08952	.71452	.80939	1.14427	1.08804	1.00701	.62031
1.542	GRADIENT	.03478	.03733	.02198	.02268	.02345	-.00873	-.02851	-.02018	-.02286	-.02569

IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE

(RCM033) (03 OCT 91)

PARAMETRIC DATA

BETA = -2.000 PHI = 180.000

RUN NO. 1353/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
.600	-8.033	.63406	.67124	.56319	.49043	.07571	.97284	1.00519	.94123	.88421	.52272
.599	-7.035	.66100	.69849	.59318	.51950	.10302	.95886	.99316	.92506	.86571	.49586
.600	-6.043	.68644	.72475	.62078	.54801	.13257	.94158	.97767	.90617	.84514	.46963
.600	-5.061	.71066	.75171	.64715	.57517	.16038	.92321	.96096	.88606	.82315	.44160
.600	-4.086	.73454	.77535	.67329	.60157	.18669	.90679	.94575	.86753	.80364	.41609
.600	-3.118	.75805	.79916	.69878	.62825	.21483	.88722	.92769	.84635	.78106	.38897
.600	-2.166	.78007	.81930	.72363	.65320	.24224	.86806	.90928	.82532	.75872	.36207
.600	-1.241	.80054	.83978	.74704	.67710	.26904	.84962	.89169	.80500	.73699	.33601
.600	-.298	.82021	.85947	.76948	.70023	.29559	.83043	.87208	.78334	.71325	.30974
.600	.705	.83996	.87914	.79199	.72355	.32221	.80890	.85032	.75846	.68707	.28061
.600	1.775	.86031	.89910	.81527	.74758	.35110	.78524	.82536	.73094	.65853	.25044
GRADIENT		.02143	.02107	.02427	.02492	.02809	-.02063	-.02043	-.02317	-.02469	-.02827

RUN NO. 1343/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
.800	-8.015	.72053	.75558	.64717	.57239	.13707	1.04390	1.07878	1.01352	.95599	.58552
.799	-7.008	.74485	.78138	.67480	.60079	.16516	1.02891	1.06583	.99639	.93691	.55845
.800	-6.016	.76889	.80772	.70165	.62793	.19385	1.01201	1.05060	.97786	.91664	.53149
.800	-5.030	.79286	.83353	.72791	.65492	.22239	.99539	1.03558	.95933	.89634	.50511
.800	-4.045	.81495	.85625	.75321	.67994	.25056	.97779	1.01957	.94024	.87531	.47871
.800	-3.070	.83699	.87746	.77816	.70512	.27864	.95954	1.00230	.92028	.85351	.45190
.801	-2.112	.85798	.89926	.80247	.73092	.30647	.94136	.98501	.89978	.83177	.42468
.800	-1.170	.87719	.91853	.82437	.75415	.33284	.92254	.96632	.87856	.80929	.39753
.800	-.214	.89594	.93729	.84603	.77655	.35921	.90335	.94651	.85587	.78536	.36993
.800	.787	.91619	.95736	.86908	.80028	.38777	.88338	.92543	.83197	.76021	.34134
.800	1.842	.93538	.97614	.89125	.82284	.41659	.86090	.90212	.80623	.73293	.31162
GRADIENT		.02044	.02043	.02344	.02436	.02820	-.01984	-.01998	-.02284	-.02421	-.02849

RUN NO. 1331/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
.900	-8.041	.78384	.81830	.71231	.63879	.21067	1.09401	1.12951	1.06451	1.00804	.64266
.900	-6.998	.80654	.84229	.73880	.66563	.23803	1.07756	1.11500	1.04634	.98780	.61510
.899	-6.007	.82860	.86721	.76382	.69149	.26474	1.06119	1.10080	1.02874	.96835	.58940
.900	-5.020	.85164	.89221	.78932	.71775	.29252	1.04468	1.08572	1.01031	.94806	.56327
.900	-4.043	.87261	.91345	.81284	.74178	.31861	1.02790	1.07022	.99207	.92790	.53730
.900	-3.068	.89419	.93486	.83802	.76663	.34651	1.01113	1.05479	.97327	.90774	.51212
.900	-2.108	.91387	.95491	.86053	.79040	.37274	.99313	1.03715	.95293	.88619	.48512
.900	-1.172	.93259	.97365	.88219	.81293	.39886	.97569	1.01958	.93270	.86497	.46024
.900	-.223	.95056	.99204	.90278	.83461	.42340	.95755	1.00099	.91153	.84228	.43352
.900	.775	.96865	1.01051	.92408	.85645	.45046	.93754	.97982	.88811	.81737	.40568
.900	1.830	.98800	1.02931	.94620	.87949	.47862	.91657	.95830	.86394	.79164	.37637
GRADIENT		.01955	.01970	.02259	.02342	.02716	-.01901	-.01920	-.02193	-.02330	-.02749

IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE

(RCM033) (03 OCT 91)

PARAMETRIC DATA

BETA = -2.000 PHI = 180.000

RUN NO. 1322/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CP02
1.099	-8.010	.93863	.97047	.87144	.80295	.41479	1.21835	1.25178	1.19160	1.13839	.80299
1.100	-6.958	.96079	.99381	.89689	.82842	.44071	1.20456	1.23979	1.17613	1.12073	.77895
1.100	-5.968	.98083	1.01743	.92035	.85219	.46534	1.18993	1.22689	1.16007	1.10290	.75490
1.101	-4.969	1.00088	1.03937	.94306	.87532	.48979	1.17432	1.21277	1.14291	1.08421	.73064
1.100	-3.981	1.02020	1.05841	.96479	.89788	.51359	1.15928	1.19890	1.12617	1.06611	.70737
1.100	-2.981	1.03884	1.07680	.98619	.92005	.53750	1.14148	1.18221	1.10664	1.04548	.68236
1.100	-2.024	1.05794	1.09562	1.00774	.94231	.56167	1.12571	1.16698	1.08853	1.02624	.65864
1.100	-1.048	1.07507	1.11309	1.02779	.96286	.58563	1.10906	1.15009	1.06948	1.00592	.63458
1.100	-.086	1.09125	1.13022	1.04692	.98287	.60858	1.09255	1.13262	1.04954	.98448	.61011
1.100	.902	1.10837	1.14770	1.06684	1.00340	.63276	1.07572	1.11492	1.02971	.96301	.58592
1.100	1.929	1.12491	1.16460	1.08616	1.02400	.65724	1.05701	1.09573	1.00790	.94020	.56046
GRADIENT		.01801	.01822	.02081	.02158	.02435	-.01703	-.01706	-.01964	-.02097	-.02476

RUN NO. 1367/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CP02
1.249	-8.019	1.00601	1.04310	.94094	.87034	.48229	1.29327	1.32985	1.26608	1.21014	.86638
1.250	-6.997	1.02682	1.06506	.96472	.89513	.50713	1.27908	1.31828	1.24989	1.19156	.84275
1.250	-6.005	1.04694	1.08797	.98753	.91845	.53077	1.26340	1.30329	1.23142	1.17211	.81854
1.250	-5.012	1.06636	1.10952	1.01017	.94114	.55482	1.24578	1.28745	1.21368	1.15328	.79473
1.250	-4.030	1.08464	1.12821	1.03147	.96250	.57786	1.22884	1.27305	1.19633	1.13457	.77111
1.250	-3.054	1.10438	1.14771	1.05335	.98512	.60230	1.21260	1.25752	1.17826	1.11494	.74770
1.250	-2.087	1.12281	1.16638	1.07400	1.00664	.62584	1.19548	1.24115	1.15940	1.09466	.72402
1.250	-1.140	1.14054	1.18435	1.09430	1.02782	.64882	1.17932	1.22490	1.14071	1.07481	.70194
1.250	-.178	1.15781	1.20171	1.11399	1.04828	.67131	1.16238	1.20744	1.12084	1.05408	.67883
1.250	.822	1.17497	1.21913	1.13413	1.06957	.69481	1.14390	1.18808	1.09886	1.03118	.65351
1.250	1.875	1.19271	1.23683	1.15456	1.08978	.71956	1.12492	1.16785	1.07656	1.00757	.62760
GRADIENT		.01827	.01840	.02085	.02156	.02395	-.01762	-.01784	-.02034	-.02153	-.02426

RUN NO. 1378/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CP02
1.400	-8.013	1.01293	1.06780	.95899	.88555	.49703	1.33030	1.37999	1.30662	1.24475	.88789
1.400	-6.993	1.03318	1.09112	.98308	.90959	.51959	1.31241	1.36480	1.28796	1.22470	.86275
1.400	-6.001	1.05352	1.11453	1.00659	.93368	.54288	1.29310	1.34892	1.26942	1.20460	.83807
1.400	-5.010	1.07379	1.13672	1.03009	.95745	.56679	1.27329	1.33290	1.24942	1.18349	.81288
1.400	-4.026	1.09372	1.15701	1.05180	.97943	.58897	1.25409	1.31573	1.22917	1.16228	.78789
1.400	-3.042	1.11555	1.17930	1.07592	1.00326	.61328	1.23528	1.29812	1.20989	1.14200	.76387
1.400	-2.080	1.13462	1.19869	1.09781	1.02563	.63638	1.21523	1.28010	1.19017	1.12051	.73895
1.400	-1.127	1.15357	1.21722	1.11863	1.04769	.65957	1.19663	1.26278	1.17011	1.09961	.71483
1.400	-.162	1.17239	1.23597	1.13956	1.06961	.68324	1.17770	1.24388	1.14862	1.07690	.69057
1.400	.834	1.19188	1.25488	1.16140	1.09226	.70812	1.15766	1.22266	1.12468	1.05196	.66478
1.400	1.888	1.21171	1.27397	1.18343	1.11435	.73379	1.13685	1.20121	1.10100	1.02743	.63841
GRADIENT		.01985	.01967	.02216	.02286	.02448	-.01986	-.01937	-.02177	-.02292	-.02535

(RCM033) (03 OCT 91)

PARAMETRIC DATA

BETA = -2.000 PHI = 180.000

RUN NO. 1390/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.449	-8.038	.99526	1.06682	.95674	.88423	.49926	1.32959	1.38918	1.31283	1.25015	.89376
1.450	-7.021	1.01519	1.09064	.98150	.90913	.52049	1.30871	1.37287	1.29279	1.22970	.86835
1.450	-6.034	1.03365	1.11452	1.00468	.93232	.54137	1.28623	1.35538	1.27417	1.20929	.84302
1.450	-5.045	1.05388	1.13687	1.02846	.95553	.56404	1.26455	1.34012	1.25476	1.18728	.81765
1.450	-4.069	1.07477	1.15884	1.05172	.97895	.58836	1.24681	1.32395	1.23463	1.16691	.79416
1.450	-3.100	1.09454	1.18097	1.07425	1.00184	.61200	1.22455	1.30395	1.21344	1.14583	.76818
1.451	-2.149	1.11472	1.20211	1.09837	1.02623	.63685	1.20281	1.28713	1.19456	1.12528	.74424
1.449	-1.218	1.13333	1.22049	1.11968	1.04825	.65945	1.18199	1.26878	1.17373	1.10245	.71915
1.450	-.273	1.15354	1.23992	1.14050	1.06902	.68315	1.16237	1.24885	1.15126	1.07864	.69409
1.450	.733	1.17408	1.25950	1.16321	1.09259	.70981	1.14128	1.22654	1.12689	1.05344	.66866
1.449	1.801	1.19558	1.27877	1.18617	1.11748	.73729	1.11938	1.20552	1.10374	1.02955	.64275
GRADIENT		.02063	.02041	.02295	.02356	.02537	-.02169	-.02020	-.02244	-.02370	-.02590

RUN NO. 1435/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.471	-8.037	.96761	1.06432	.95271	.88010	.49447	1.31378	1.38833	1.30840	1.24358	.88408
1.471	-7.015	.98496	1.08966	.97777	.90478	.51624	1.29071	1.37002	1.28733	1.22223	.85852
1.471	-6.025	1.00249	1.11365	1.00289	.92971	.53843	1.26414	1.35213	1.26722	1.20101	.83329
1.471	-5.040	1.01889	1.13557	1.02584	.95347	.56029	1.23759	1.33443	1.24576	1.17848	.80803
1.471	-4.062	1.03780	1.15757	1.04851	.97656	.58321	1.21456	1.31684	1.22608	1.15760	.78486
1.471	-3.093	1.05490	1.17766	1.07052	.99863	.60565	1.18887	1.29793	1.20448	1.13522	.75956
1.471	-2.138	1.07460	1.19835	1.09290	1.02129	.62930	1.16585	1.27901	1.18387	1.11420	.73496
1.471	-1.202	1.09165	1.21672	1.11382	1.04271	.65298	1.14153	1.26037	1.16342	1.09244	.71111
1.471	-.253	1.11076	1.23388	1.13404	1.06419	.67609	1.11982	1.24177	1.14139	1.06954	.68690
1.471	.750	1.13294	1.25196	1.15482	1.08568	.70133	1.09864	1.22100	1.11811	1.04508	.66042
1.471	1.818	1.15825	1.27255	1.17765	1.10896	.72758	1.07835	1.20093	1.09637	1.02218	.63515
GRADIENT		.02036	.01944	.02194	.02257	.02467	-.02332	-.01980	-.02221	-.02320	-.02556

RUN NO. 1402/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.495	-8.029	.94431	1.06826	.95588	.88410	.50002	1.30092	1.39352	1.31402	1.25000	.88952
1.495	-7.011	.95332	1.09336	.98127	.90871	.52247	1.27060	1.37645	1.29351	1.22834	.86344
1.496	-6.021	.96133	1.11763	1.00543	.93249	.54318	1.23689	1.35846	1.27331	1.20762	.83742
1.496	-5.036	.97245	1.14267	1.03008	.95742	.56564	1.20335	1.34160	1.25315	1.18585	.81203
1.496	-4.058	.98325	1.16525	1.05284	.98059	.58792	1.17126	1.32454	1.23216	1.16350	.78749
1.496	-3.086	.99309	1.18654	1.07501	1.00324	.61099	1.13670	1.30416	1.20929	1.14000	.76201
1.496	-2.125	1.00737	1.20630	1.09754	1.02614	.63506	1.10575	1.28471	1.18858	1.11792	.73760
1.496	-1.191	1.02047	1.22247	1.11765	1.04725	.65871	1.07581	1.26637	1.16805	1.09645	.71395
1.496	-.239	1.03612	1.23906	1.13702	1.06747	.68234	1.04716	1.24768	1.14622	1.07396	.68956
1.496	.762	1.06618	1.25792	1.15881	1.08983	.70674	1.03006	1.22861	1.12452	1.05118	.66467
1.495	1.829	1.09787	1.27829	1.18192	1.11312	.73255	1.01292	1.20898	1.10157	1.02680	.63837
GRADIENT		.01911	.01889	.02182	.02246	.02469	-.02735	-.01963	-.02216	-.02319	-.02533

IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE

(RCM033) (03 OCT 91)

PARAMETRIC DATA

BETA = -2.000 PHI = 180.000

RUN NO. 1425/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.516	-8.029	.80883	1.05389	.94227	.87235	.48945	1.20759	1.37807	1.30033	1.23875	.88331
1.516	-7.011	.77997	1.07994	.96764	.89691	.51463	1.14418	1.36407	1.28255	1.21831	.85797
1.516	-6.023	.78076	1.10418	.99184	.92033	.53739	1.09588	1.34727	1.26215	1.19703	.83317
1.516	-5.038	.78181	1.13011	1.01566	.94450	.55911	1.04731	1.32757	1.24133	1.17628	.80707
1.516	-4.059	.77279	1.15299	1.03714	.96592	.57983	.99280	1.31128	1.22261	1.15605	.78170
1.517	-3.086	.77717	1.17676	1.06039	.98944	.60338	.94640	1.29658	1.20335	1.13440	.75746
1.517	-2.130	.78457	1.19804	1.08198	1.01123	.62637	.89994	1.27917	1.18073	1.11004	.73229
1.517	-1.191	.80070	1.21765	1.10364	1.03321	.64910	.86649	1.26201	1.16023	1.08841	.70974
1.517	-.239	.82515	1.23514	1.12628	1.05617	.67291	.83935	1.24431	1.13844	1.06613	.68492
1.516	.766	.85479	1.25125	1.14821	1.07870	.69637	.81434	1.23372	1.11340	1.04032	.65783
1.516	1.831	.89018	1.27043	1.17273	1.10416	.72347	.79356	1.20162	1.08646	1.01313	.63102
GRADIENT		.02018	.01973	.02299	.02341	.02434	-.03375	-.01870	-.02314	-.02425	-.02563

RUN NO. 1413/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.542	-8.032	.59810	1.05611	.93568	.86737	.48452	.99202	1.37534	1.29616	1.23376	.87596
1.542	-7.010	.60949	1.07538	.95897	.89072	.50968	.94814	1.35673	1.27431	1.21094	.84947
1.542	-6.026	.63319	1.08815	.98226	.91423	.53510	.91917	1.33880	1.25337	1.18879	.82409
1.542	-5.037	.65935	1.09613	1.00673	.93817	.55885	.89329	1.32548	1.23330	1.16724	.79894
1.542	-4.058	.70164	1.08593	1.02758	.95972	.57961	.88280	1.31815	1.21322	1.14582	.77369
1.542	-3.085	.78999	1.04981	1.04859	.98293	.60164	.91345	1.33522	1.19406	1.12386	.74767
1.542	-2.130	.84690	1.06376	1.07758	1.00717	.62443	.92601	1.34240	1.17744	1.10269	.72288
1.542	-1.192	.87725	1.09432	1.10627	1.03034	.64598	.92184	1.29681	1.16044	1.08158	.69880
1.542	-.238	.89870	1.16106	1.13052	1.05170	.66792	.90874	1.20690	1.14198	1.05994	.67423
1.542	.765	.91270	1.26572	1.15062	1.07354	.69165	.88548	1.12887	1.11909	1.03730	.64915
1.542	1.828	.91748	1.33129	1.16839	1.09519	.71729	.85046	1.08222	1.09012	1.01177	.62328
GRADIENT		.03449	.04669	.02489	.02318	.02336	-.00640	-.04625	-.02039	-.02269	-.02557

C4

IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE

(RCM034) (03 OCT 91)

PARAMETRIC DATA

BETA = -1.000 PHI = 180.000

RUN NO. 1354/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPCB	CPC1	CPC2	CPC3	CPC01	CPU	CPC4	CPC5	CPC6	CPC02
.600	-8.002	.64060	.68066	.56883	.49429	.07790	.97574	1.00865	.94340	.88593	.52297
.599	-6.991	.66854	.70506	.59737	.52350	.10701	.96232	.99728	.92817	.86841	.49738
.600	-6.001	.69313	.72828	.62526	.55267	.13548	.94463	.98165	.90897	.84731	.46975
.600	-5.008	.71803	.75123	.65303	.58031	.16416	.92710	.96545	.88930	.82600	.44265
.600	-4.023	.73967	.77501	.67751	.60552	.19021	.90827	.94793	.86848	.80417	.41591
.600	-3.040	.76611	.80446	.70615	.63423	.22021	.89142	.93214	.84933	.78350	.38981
.601	-2.078	.78753	.82676	.73010	.65881	.24727	.87145	.91302	.82751	.76028	.36221
.600	-1.158	.80762	.84728	.75287	.68225	.27307	.85387	.89583	.80733	.73860	.33551
.601	-.265	.82521	.86497	.77343	.70382	.29777	.83519	.87645	.78604	.71546	.31041
.600	.783	.84542	.88564	.79710	.72841	.32587	.81326	.85416	.76028	.68791	.28038
.601	1.859	.86613	.90617	.82017	.75265	.35475	.78924	.82951	.73292	.65942	.24986
GRADIENT		.02122	.02190	.02408	.02488	.02786	-.02029	-.02023	-.02312	-.02474	-.02836

RUN NO. 1344/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPCB	CPC1	CPC2	CPC3	CPC01	CPU	CPC4	CPC5	CPC6	CPC02
.800	-7.965	.72723	.76520	.65237	.57633	.14106	1.04663	1.08229	1.01574	.95767	.58609
.800	-6.981	.75063	.78578	.67822	.60422	.16836	1.03195	1.06935	.99881	.93907	.55984
.800	-5.989	.77559	.80920	.70614	.63236	.19728	1.01578	1.05512	.98122	.91955	.53295
.800	-4.995	.79823	.83125	.73256	.65873	.22553	.99835	1.03946	.96217	.89876	.50627
.800	-4.002	.82096	.85728	.75808	.68443	.25390	.98141	1.02352	.94298	.87758	.47977
.801	-3.015	.84294	.88275	.78362	.71061	.28280	.96235	1.00561	.92217	.85487	.45195
.800	-2.045	.86391	.90524	.80731	.73509	.31026	.94432	.98821	.90149	.83278	.42428
.800	-1.108	.88320	.92507	.82956	.75874	.33661	.92662	.97053	.88109	.81114	.39768
.800	-.186	.90110	.94368	.85082	.78094	.36263	.90862	.95164	.85938	.78814	.37143
.800	.847	.92140	.96345	.87388	.80474	.39133	.88755	.92953	.83407	.76141	.34179
.800	1.903	.94111	.98294	.89696	.82799	.42018	.86504	.90628	.80840	.73404	.31066
GRADIENT		.02069	.02190	.02383	.02465	.02825	-.01930	-.01931	-.02233	-.02387	-.02840

RUN NO. 1332/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPCB	CPC1	CPC2	CPC3	CPC01	CPU	CPC4	CPC5	CPC6	CPC02
.900	-7.989	.78951	.82625	.71686	.64231	.21422	1.09629	1.13267	1.06660	1.00947	.64298
.900	-6.968	.81240	.84671	.74273	.66976	.24145	1.08091	1.11910	1.04930	.99029	.61649
.900	-5.973	.83432	.86789	.76821	.69594	.26848	1.06398	1.10425	1.03105	.97027	.59022
.900	-4.982	.85665	.88952	.79373	.72140	.29513	1.04772	1.08955	1.01313	.95046	.56426
.900	-3.996	.87799	.91478	.81801	.74614	.32188	1.03079	1.07391	.99465	.92999	.53810
.900	-3.007	.89939	.93900	.84249	.77093	.34945	1.01296	1.05707	.97463	.90848	.51131
.900	-2.037	.91941	.96086	.86553	.79462	.37626	.99568	1.04029	.95476	.88733	.48493
.900	-1.111	.93788	.97951	.88703	.81716	.40215	.97900	1.02322	.93506	.86635	.46006
.900	-.199	.95487	.99770	.90734	.83878	.42667	.96211	1.00574	.91477	.84481	.43505
.900	.834	.97370	1.01668	.92908	.86117	.45360	.94141	.98382	.89021	.81836	.40551
.900	1.889	.99299	1.03524	.95148	.88421	.48223	.92106	.96282	.86678	.79361	.37711
GRADIENT		.01982	.02113	.02298	.02378	.02728	-.01842	-.01849	-.02140	-.02289	-.02729

IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE

(RCMO34) (03 OCT 91)

PARAMETRIC DATA

BETA = -1.000 PHI = 180.000

RUN NO. 1323/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.099	-7.980	.94417	.97701	.87511	.80627	.41756	1.22146	1.25548	1.19422	1.14060	.80405
1.100	-6.950	.96543	.99650	.89991	.83135	.44265	1.20756	1.24354	1.17891	1.12317	.78043
1.100	-5.949	.98548	1.01645	.92396	.85530	.46734	1.19273	1.23051	1.16260	1.10506	.75619
1.100	-4.954	1.00454	1.03606	.94617	.87773	.49085	1.17705	1.21632	1.14533	1.08639	.73175
1.100	-3.957	1.02408	1.05973	.96801	.90044	.51506	1.16118	1.20158	1.12781	1.06738	.70757
1.100	-2.963	1.04374	1.08088	.99024	.92331	.53982	1.14433	1.18584	1.10923	1.04759	.68298
1.100	-1.981	1.06216	1.10060	1.01140	.94504	.56393	1.12843	1.17029	1.09052	1.02778	.65881
1.100	-1.020	1.07982	1.11859	1.03183	.96642	.58812	1.11296	1.15434	1.07235	1.00820	.63534
1.100	-.051	1.09575	1.13610	1.05150	.98707	.61170	1.09662	1.13716	1.05279	.98713	.61176
1.100	.940	1.11206	1.15278	1.07046	1.00721	.63504	1.07934	1.11887	1.03191	.96447	.58636
1.100	1.963	1.12884	1.16954	1.09015	1.02753	.65947	1.06147	1.10027	1.01102	.94273	.56179
GRADIENT		.01796	.01917	.02087	.02173	.02446	-.01667	-.01680	-.01946	-.02084	-.02461

RUN NO. 1368/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.250	-7.998	1.01039	1.04816	.94352	.87255	.48432	1.29601	1.33356	1.26867	1.21209	.86750
1.250	-6.973	1.03143	1.06742	.96720	.89776	.50901	1.28171	1.32136	1.25180	1.19309	.84353
1.250	-5.978	1.05150	1.08723	.99117	.92169	.53338	1.26606	1.30593	1.23345	1.17409	.81955
1.250	-4.986	1.07065	1.10779	1.01387	.94450	.55718	1.24824	1.29100	1.21638	1.15568	.79572
1.250	-3.995	1.08976	1.12977	1.03554	.96607	.58084	1.23191	1.27662	1.19886	1.13674	.77197
1.250	-3.005	1.10915	1.15164	1.05721	.98832	.60516	1.21460	1.26041	1.17987	1.11598	.74731
1.250	-2.031	1.12814	1.17123	1.07830	.91050	.62928	1.19849	1.24473	1.16152	1.09610	.72439
1.250	-1.091	1.14566	1.18984	1.09868	.83167	.65218	1.18304	1.22894	1.14293	1.07635	.70251
1.250	-.153	1.16197	1.20714	1.11801	.905173	.67404	1.16628	1.21186	1.12380	1.05645	.68022
1.250	.881	1.18028	1.22545	1.13908	1.07325	.69830	1.14778	1.19204	1.10101	1.03260	.65390
1.250	1.923	1.19773	1.24313	1.15962	1.09437	.72313	1.12906	1.17267	1.07929	1.00954	.62847
GRADIENT		.01846	.01958	.02116	.02184	.02405	-.01721	-.01718	-.01989	-.02119	-.02413

RUN NO. 1380/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.400	-7.995	1.01705	1.07097	.96045	.88777	.49850	1.33263	1.38307	1.30837	1.24638	.88852
1.400	-6.970	1.03729	1.09145	.98520	.91249	.52146	1.31427	1.36736	1.28966	1.22608	.86348
1.400	-5.975	1.05787	1.11227	1.00989	.93694	.54516	1.29529	1.35216	1.27127	1.20608	.83868
1.400	-4.984	1.07812	1.13495	1.03360	.96063	.56879	1.27617	1.33652	1.25192	1.18573	.81406
1.400	-3.993	1.09944	1.15889	1.05654	.98336	.59180	1.25749	1.31942	1.23201	1.16506	.78911
1.400	-3.001	1.11944	1.18142	1.07977	.90643	.61562	1.23583	1.30046	1.21161	1.14309	.76336
1.399	-2.026	1.13848	1.20156	1.10158	1.02882	.63867	1.21632	1.28383	1.19195	1.12120	.73836
1.400	-1.080	1.15834	1.22191	1.12231	.95102	.66223	1.20034	1.26750	1.17244	1.10095	.71506
1.400	-.137	1.17746	1.24230	1.14402	1.07320	.68542	1.18221	1.24877	1.15162	1.07913	.69158
1.399	.891	1.19739	1.26268	1.16734	1.09712	.71119	1.16129	1.22668	1.12648	1.05320	.66466
1.400	1.934	1.21595	1.28099	1.18952	1.11983	.73727	1.14027	1.20529	1.10292	1.02885	.63885
GRADIENT		.02001	.02117	.02256	.02313	.02439	-.01954	-.01887	-.02149	-.02270	-.02534

IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE

(RCMO34) (03 OCT 91)

PARAMETRIC DATA

BETA = -1.000 PHI = 180.000

RUN NO. 1391/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.450	-8.006	.99897	1.06953	.95816	.88664	.50081	1.33072	1.39127	1.31369	1.25076	.89420
1.450	-6.983	1.01944	1.09106	.98349	.91221	.52230	1.31073	1.37503	1.29425	1.23103	.86921
1.450	-5.986	1.03798	1.11277	1.00826	.93604	.54410	1.28784	1.35817	1.27562	1.20992	.84342
1.450	-5.002	1.05829	1.13522	1.03277	.95994	.56749	1.26730	1.34394	1.25670	1.18910	.81892
1.450	-4.015	1.07934	1.15850	1.05588	.98266	.59088	1.24828	1.32563	1.23564	1.16820	.79380
1.449	-3.031	1.09792	1.18107	1.07850	.91434	.61434	1.22336	1.30559	1.21513	1.14656	.76659
1.450	-2.068	1.11894	1.20334	1.10198	.82959	.63937	1.20315	1.29115	1.19628	1.12474	.74231
1.450	-1.145	1.14048	1.22572	1.12458	.75293	.66289	1.18763	1.27544	1.17551	1.10292	.71962
1.450	-.249	1.16045	1.24900	1.14663	.67398	.68600	1.16926	1.25668	1.15509	1.08159	.69584
1.450	.798	1.18012	1.26918	1.17001	.60917	.71326	1.14466	1.23074	1.12843	1.05439	.66811
1.450	1.868	1.20051	1.28705	1.19394	.51247	.74077	1.12238	1.20846	1.10516	1.03080	.64254
GRADIENT		.02097	.02236	.02365	.02413	.02559	-.02099	-.01977	-.02235	-.02358	-.02570

RUN NO. 1436/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.471	-8.006	.97085	1.06626	.95422	.88275	.49705	1.31527	1.39125	1.30988	1.24489	.88451
1.471	-6.978	.98821	1.08793	.97971	.90749	.51837	1.29146	1.37217	1.28871	1.22315	.85855
1.471	-5.986	1.00590	1.11008	1.00577	.93300	.54086	1.26500	1.35500	1.26902	1.20236	.83361
1.471	-4.996	1.02222	1.13160	1.02884	.95642	.56249	1.23854	1.33675	1.24762	1.18035	.80842
1.471	-4.009	1.04037	1.15435	1.05181	.97965	.58568	1.21358	1.31909	1.22743	1.15869	.78434
1.471	-3.025	1.05941	1.17749	1.07529	.90037	.60976	1.18929	1.30025	1.20598	1.13624	.75904
1.471	-2.059	1.07547	1.19915	1.09643	.82460	.63246	1.16285	1.28042	1.18463	1.11427	.73415
1.470	-1.132	1.09165	1.21892	1.11729	.74609	.65542	1.13918	1.26331	1.16513	1.09357	.71064
1.471	-.228	1.11215	1.23762	1.13732	.67884	.67884	1.12081	1.24632	1.14475	1.07245	.68791
1.471	.818	1.13489	1.25682	1.15765	.60876	.70475	1.09855	1.22404	1.12020	1.04669	.66083
1.471	1.885	1.15942	1.27718	1.18088	.51142	.73051	1.07798	1.20389	1.09821	1.02379	.63469
GRADIENT		.01971	.02120	.02205	.02251	.02452	-.02361	-.01941	-.02187	-.02289	-.02537

RUN NO. 1403/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.495	-8.005	.94539	1.06984	.95761	.88696	.50333	1.30093	1.39659	1.31599	1.25180	.89015
1.496	-6.983	.95487	1.09251	.98321	.91211	.52560	1.27116	1.37997	1.29618	1.23069	.86443
1.495	-5.985	.96367	1.11402	1.00809	.93656	.54610	1.23670	1.36157	1.27558	1.20918	.83791
1.495	-4.995	.97152	1.13521	1.03261	.96082	.56776	1.20100	1.34447	1.25449	1.18653	.81250
1.496	-4.007	.98279	1.15871	1.05631	.98436	.59057	1.16820	1.32659	1.23292	1.16397	.78766
1.495	-3.027	.99242	1.18382	1.07941	.90078	.61467	1.13200	1.30614	1.21061	1.14100	.76219
1.496	-2.055	1.00162	1.20624	1.10128	.82986	.63834	1.09726	1.28683	1.18949	1.11833	.73716
1.496	-1.125	1.01642	1.22611	1.12209	.75168	.66234	1.06989	1.26981	1.16984	1.09787	.71388
1.496	-.215	1.03383	1.24324	1.14029	.67033	.68481	1.04416	1.25165	1.14839	1.07571	.69066
1.496	.831	1.06224	1.26336	1.16307	.60932	.70968	1.02296	1.23148	1.12591	1.05247	.66484
1.496	1.895	1.09576	1.28381	1.18666	.511745	.73596	1.00770	1.21168	1.10346	1.02889	.63868
GRADIENT		.01724	.02153	.02220	.02264	.02454	-.02893	-.01938	-.02199	-.02295	-.02529

IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE

(RCM034) (03 OCT 91)

PARAMETRIC DATA

MACH		ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CP02
1.517	-8.000	.79515	1.05983	.94486	.87581	.49397	1.19874	1.38402	1.30467	1.24209		.88501
1.517	-6.983	.77037	1.08375	.96900	.90054	.51905	1.13699	1.36842	1.28534	1.22056		.85916
1.517	-5.985	.76672	1.10503	.99350	.92487	.54095	1.08294	1.35066	1.26417	1.19932		.83343
1.517	-4.996	.76847	1.12589	1.01711	.94842	.56246	1.03416	1.33175	1.24489	1.17911		.80750
1.517	-4.008	.76186	1.14767	1.04107	.97165	.58457	.98001	1.31743	1.22668	1.15884		.78249
1.516	-3.022	.76387	1.17058	1.06312	.99286	.60633	.92393	1.29945	1.20343	1.13381		.75544
1.517	-2.055	.78343	1.19745	1.08735	1.01652	.63075	.89133	1.28387	1.18286	1.11163		.73136
1.517	-1.125	.81411	1.22275	1.10964	1.03852	.65386	.87145	1.26999	1.16307	1.09005		.70829
1.516	-.215	.84965	1.24421	1.13044	1.05949	.67518	.86418	1.25280	1.14087	1.06783		.68590
1.516	.830	.85165	1.26208	1.15521	1.08491	.70054	.80997	1.23037	1.11592	1.04200		.65795
1.517	1.895	.88238	1.27925	1.17876	1.10979	.72756	.78399	1.20668	1.08984	1.01540		.63142
	GRADIENT	.01873	.02310	.02355	.02345	.02403	-.03428	-.01793	-.02259	-.02385		-.02552

BETA =

-1.000

PHI =

180.000

MACH		ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CP02
1.542	-8.004	.59822	1.06374	.93637	.86770	.48729	.98906	1.37819	1.29774	1.23509		.87712
1.542	-6.982	.61257	1.08257	.95802	.88977	.51285	.94889	1.36005	1.27628	1.21258		.85121
1.542	-5.990	.64132	1.09243	.97765	.91058	.53695	.91919	1.34158	1.25436	1.18957		.82506
1.543	-4.995	.67160	1.09238	.99709	.93237	.55986	.89636	1.32887	1.23407	1.16773		.79986
1.542	-4.008	.73231	1.06723	1.01348	.95343	.58122	.90159	1.32794	1.21433	1.14653		.77422
1.543	-3.022	.82072	1.04597	1.04146	.98095	.60489	.93657	1.35276	1.19701	1.12560		.74893
1.542	-2.055	.86589	1.05694	1.07511	1.00819	.62754	.94244	1.34578	1.18080	1.10447		.72378
1.542	-1.125	.89942	1.07599	1.10601	1.03247	.64944	.94206	1.27338	1.16466	1.08405		.69921
1.543	-.215	.92038	1.12884	1.13423	1.05475	.67004	.93019	1.16896	1.14594	1.06252		.67549
1.543	.829	.93287	1.24608	1.15765	1.07876	.69424	.90484	1.09030	1.11734	1.03759		.64918
1.554	1.896	.93638	1.33957	1.17526	1.10078	.72031	.86922	1.05813	1.08229	1.01083		.62469
	GRADIENT	.03888	.03563	.02780	.02507	.02331	-.00247	-.04531	-.02104	-.02266		-.02563

BETA =

-5.00/

5.00

IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE

(RCM035) (03 OCT 91)

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 1355/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
.599	-7.963	.64438	.68412	.57127	.49640	.07988	.97631	1.00986	.94422	.88642	.52317
.600	-6.956	.66895	.70497	.59731	.52318	.10761	.95928	.99448	.92510	.86538	.49488
.600	-5.955	.69627	.73048	.62641	.55335	.13764	.94448	.98178	.90871	.84701	.46921
.600	-4.953	.71986	.75404	.65294	.58092	.16539	.92660	.96546	.88881	.82534	.44127
.601	-3.951	.74339	.77899	.68102	.60901	.19386	.90876	.94864	.86853	.80415	.41504
.600	-2.948	.76667	.80387	.70675	.63486	.22087	.88847	.92937	.84583	.77963	.38536
.601	-1.942	.78999	.82855	.73300	.66154	.25026	.86881	.91083	.82434	.75690	.35829
.601	-.922	.81233	.85250	.75826	.68765	.27965	.84826	.89056	.80106	.73215	.32867
.600	.192	.83491	.87572	.78528	.71596	.31107	.82735	.86861	.77629	.70454	.29804
.600	.869	.84758	.88951	.80090	.73229	.32958	.81419	.85490	.76061	.68798	.27914
.600	2.006	.87031	.91121	.82511	.75764	.36009	.78845	.82615	.73101	.65721	.24607
GRADIENT		.02165	.02274	.02482	.02551	.02813	-.01974	-.01977	-.02253	-.02411	-.02808

RUN NO. 1345/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
.800	-7.968	.72934	.76666	.65392	.57789	.14140	1.04809	1.08425	1.01724	.95884	.58702
.800	-6.952	.75504	.78845	.67996	.60528	.16983	1.03276	1.07074	.99957	.93967	.55978
.800	-5.951	.77791	.81022	.70565	.63179	.19815	1.01486	1.05469	.98031	.91854	.53133
.800	-4.950	.80045	.83463	.73270	.65949	.22712	.99836	1.04017	.96238	.89877	.50556
.800	-3.955	.82221	.85842	.75924	.68586	.25546	.98043	1.02338	.94215	.87666	.47791
.800	-2.948	.84499	.88308	.78560	.71270	.28528	.96209	1.00555	.92152	.85405	.45065
.800	-1.946	.86725	.90788	.81073	.73853	.31332	.94393	.98804	.90041	.83150	.42197
.800	-.933	.88786	.93018	.83466	.76357	.34208	.92435	.96820	.87764	.80726	.39282
.800	.019	.90600	.94942	.85714	.78707	.36970	.90630	.94936	.85576	.78413	.36740
.800	1.009	.92507	.96836	.87905	.80968	.39714	.88680	.92776	.83213	.75911	.33788
.799	2.003	.94484	.98790	.90164	.83263	.42532	.86576	.90408	.80830	.73410	.30938
GRADIENT		.02073	.02211	.02422	.02493	.02851	-.01898	-.01941	-.02216	-.02367	-.02820

RUN NO. 1333/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
.900	-7.958	.79104	.82706	.71824	.64371	.21447	1.09566	1.13289	1.06653	1.00902	.64197
.900	-6.932	.81511	.84830	.74387	.67015	.24291	1.08065	1.11941	1.04922	.98996	.61600
.900	-5.938	.83690	.86952	.76817	.69599	.26948	1.06411	1.10472	1.03113	.97011	.58946
.900	-4.939	.85867	.89277	.79408	.72237	.29679	1.04767	1.09002	1.01318	.95024	.56338
.900	-3.940	.87959	.91581	.81933	.74782	.32343	1.03062	1.07414	.99441	.92950	.53676
.900	-2.935	.90102	.93908	.84456	.77291	.35152	1.01243	1.05682	.97381	.90723	.50939
.900	-1.929	.92207	.96286	.86863	.79753	.37940	.99474	1.03957	.95334	.88559	.48255
.900	-.918	.94176	.98425	.89165	.82189	.40700	.97619	1.02084	.93134	.86214	.45476
GRADIENT		.02076	.02288	.02431	.02475	.02749	-.01779	-.01720	-.02037	-.02190	-.02700

IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE

(RCM035) (03 OCT 91)

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 1324/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPC01	CPU	CPC4	CPC5	CPC6	CP02
1.100	-7.946	.94696	.97852	.87685	.80761	.41893	1.22155	1.25618	1.19449	1.14079	.80383
1.100	-6.933	.96762	.99799	.90030	.83114	.44362	1.20835	1.24478	1.17968	1.12381	.78068
1.100	-5.936	.98686	1.01760	.92261	.85411	.46778	1.19317	1.23123	1.16283	1.10524	.75595
1.100	-4.941	1.00600	1.03824	.94530	.87737	.49188	1.17776	1.21722	1.14584	1.08681	.73191
1.100	-3.935	1.02490	1.05894	.96728	.90031	.51565	1.16119	1.20219	1.12790	1.06743	.70715
1.100	-2.935	1.04519	1.07994	.99060	.92409	.54107	1.14490	1.18672	1.10970	1.04802	.68300
1.100	-1.940	1.06379	1.10154	1.01296	.94638	.56523	1.12867	1.17062	1.09051	1.02754	.65808
1.100	-.936	1.08136	1.12063	1.03387	.96827	.58993	1.11265	1.15427	1.07123	1.00662	.63312
1.100	.059	1.09737	1.13868	1.05410	.98951	.61442	1.09608	1.13662	1.05136	.98534	.60874
1.100	.985	1.11284	1.15468	1.07210	1.00869	.63678	1.07971	1.11853	1.03198	.96476	.58598
1.100	2.007	1.13027	1.17205	1.09213	1.02950	.66173	1.06215	1.09807	1.01056	.94284	.56172
GRADIENT		.01783	.01936	.02119	.02193	.02451	-.01657	-.01705	-.01947	-.02079	-.02457

RUN NO. 1370/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPC01	CPU	CPC4	CPC5	CPC6	CP02
1.250	-7.973	1.01240	1.04870	.94466	.87332	.48482	1.29588	1.33407	1.26888	1.21177	.86686
1.250	-6.948	1.03327	1.06805	.96750	.89744	.50973	1.28127	1.32158	1.25184	1.19261	.84289
1.250	-5.950	1.05273	1.08841	.99030	.92076	.53391	1.26593	1.30603	1.23353	1.17375	.81884
1.250	-4.947	1.07165	1.10960	1.01397	.94486	.55842	1.24814	1.29154	1.21672	1.15542	.79521
1.250	-3.951	1.09021	1.12966	1.03591	.96687	.58200	1.23129	1.27646	1.19858	1.13601	.77081
1.250	-2.948	1.11043	1.15160	1.05856	.98969	.60670	1.21416	1.26067	1.17977	1.11526	.74593
1.250	-1.946	1.13022	1.17410	1.08108	1.01299	.63163	1.19864	1.24523	1.16115	1.09516	.72285
1.250	-.941	1.14859	1.19322	1.10225	1.03491	.65565	1.18147	1.22722	1.14043	1.07324	.69843
1.250	-.074	1.16310	1.20885	1.12027	1.05382	.67598	1.16606	1.21189	1.12339	1.05532	.67847
1.250	.987	1.18218	1.22812	1.14189	1.07589	.70167	1.14740	1.19174	1.10047	1.03137	.65177
1.249	2.026	1.19986	1.24640	1.16295	1.09731	.72662	1.12874	1.16990	1.07808	1.00835	.62685
GRADIENT		.01845	.01974	.02140	.02197	.02415	-.01704	-.01732	-.01986	-.02111	-.02407

RUN NO. 1381/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPC01	CPU	CPC4	CPC5	CPC6	CP02
1.400	-7.977	1.01999	1.07256	.96142	.88777	.49963	1.33306	1.38371	1.30864	1.24649	.88840
1.400	-6.948	1.03967	1.09291	.98519	.91219	.52272	1.31426	1.36802	1.28980	1.22609	.86310
1.400	-5.951	1.05911	1.11412	1.00897	.93643	.54625	1.29452	1.35200	1.27082	1.20569	.83802
1.400	-4.954	1.07957	1.13669	1.03320	.96109	.56989	1.27620	1.33643	1.25157	1.18539	.81321
1.400	-3.952	1.10001	1.15900	1.05678	.98440	.59320	1.25622	1.31880	1.23104	1.16405	.78760
1.400	-2.954	1.12171	1.18339	1.08161	1.00868	.61777	1.23597	1.30079	1.21144	1.14279	.76253
1.401	-1.948	1.14118	1.20611	1.10457	1.03198	.64149	1.21674	1.28427	1.19137	1.12031	.73700
1.400	-.948	1.16218	1.22719	1.12681	1.05561	.66671	1.19925	1.26563	1.16939	1.09750	.71147
1.400	.055	1.18154	1.24754	1.15012	1.07979	.69168	1.17956	1.24557	1.14612	1.07308	.68567
1.399	1.005	1.20001	1.26664	1.17109	1.10101	.71523	1.16116	1.22514	1.12449	1.05099	.66222
1.400	2.022	1.21824	1.28566	1.19347	1.12351	.74116	1.13990	1.20164	1.10130	1.02742	.63740
GRADIENT		.01998	.02146	.02297	.02340	.02458	-.01932	-.01908	-.02155	-.02275	-.02527

IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE

(RCMO35) (03 OCT 91)

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 1392/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.450	-7.974	1.00275	1.07212	.96014	.88786	.50281	1.33181	1.39195	1.31395	1.25101	.89435
1.450	-6.945	1.02092	1.09221	.98377	.91227	.52363	1.30970	1.37433	1.29339	1.23017	.86848
1.450	-5.947	1.04037	1.11524	1.00867	.93666	.54602	1.28756	1.35821	1.27539	1.20977	.84307
1.449	-4.945	1.05888	1.13663	1.03227	.96020	.56874	1.26604	1.34285	1.25524	1.18788	.81763
1.450	-3.946	1.08053	1.16035	1.05659	.98383	.59311	1.24666	1.32449	1.23452	1.16719	.79228
1.450	-2.942	1.10091	1.18565	1.08140	1.00864	.61862	1.22283	1.30622	1.21542	1.14656	.76617
1.450	-1.938	1.12158	1.20829	1.10487	1.03272	.64344	1.20179	1.29159	1.19491	1.12272	.74050
1.450	-.920	1.14632	1.23223	1.12870	1.05659	.66941	1.18505	1.27181	1.17073	1.09794	.71531
1.450	-.095	1.16194	1.24868	1.14764	1.07598	.69154	1.16562	1.25582	1.15330	1.07883	.69161
1.450	.993	1.18657	1.27243	1.17249	1.10173	.71901	1.14446	1.22899	1.12562	1.05171	.66409
1.449	2.018	1.20273	1.29149	1.19661	1.12601	.74463	1.12022	1.20326	1.10164	1.02760	.63829
GRADIENT		.02102	.02238	.02353	.02381	.02536	-.02072	-.01959	-.02205	-.02322	-.02584

RUN NO. 1437/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.471	-7.972	.97298	1.06780	.95507	.88225	.49862	1.31493	1.39200	1.31015	1.24516	.88432
1.471	-6.943	.99011	1.08991	.97967	.90689	.52004	1.29091	1.37244	1.28864	1.22304	.85822
1.471	-5.951	1.00696	1.11289	1.00488	.93226	.54254	1.26388	1.35500	1.26870	1.20225	.83306
1.471	-4.948	1.02342	1.13347	1.02347	.95606	.56412	1.23738	1.33623	1.24691	1.17990	.80673
1.471	-3.946	1.04074	1.15617	1.05143	.97978	.58707	1.21154	1.31872	1.22659	1.15771	.78184
1.471	-2.942	1.05932	1.18118	1.07606	1.00398	.61142	1.18604	1.29854	1.20384	1.13377	.75580
1.471	-1.944	1.07702	1.20510	1.09989	1.02763	.63590	1.15965	1.27944	1.18249	1.11146	.73067
1.471	-.923	1.09698	1.22429	1.12139	1.05056	.66108	1.13576	1.25948	1.15933	1.08718	.70511
1.471	-.078	1.11519	1.23969	1.13726	1.06697	.68316	1.11859	1.24497	1.14358	1.07169	.68451
1.471	1.009	1.13893	1.26170	1.16251	1.09246	.71046	1.09638	1.22210	1.11932	1.04633	.65671
1.471	2.019	1.16257	1.28091	1.18492	1.11522	.73531	1.07744	1.19989	1.09705	1.02290	.63149
GRADIENT		.01987	.02110	.02240	.02273	.02472	-.02311	-.01946	-.02152	-.02245	-.02516

RUN NO. 1404/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.496	-7.973	.94767	1.07221	.95884	.88652	.50513	1.30137	1.39765	1.31674	1.25256	.89012
1.496	-6.944	.95512	1.09599	.98328	.91103	.52708	1.26979	1.38054	1.29645	1.23085	.86396
1.496	-5.947	.96264	1.11867	1.00693	.93461	.54743	1.23394	1.36152	1.27504	1.20839	.83722
1.496	-4.949	.97177	1.13850	1.03040	.95916	.56954	1.19922	1.34456	1.25372	1.18576	.81174
1.496	-3.947	.98322	1.16228	1.05599	.98476	.59325	1.16626	1.32703	1.23300	1.16416	.78765
1.495	-2.944	.99117	1.18702	1.08051	1.00833	.61616	1.12731	1.30458	1.20869	1.13916	.76016
1.496	-1.941	1.00107	1.21163	1.10420	1.03233	.64097	1.09238	1.28571	1.18776	1.11648	.73514
1.496	-.935	1.01425	1.23143	1.12595	1.05542	.66616	1.05963	1.26635	1.16520	1.09298	.70906
1.496	-.063	1.03098	1.24868	1.14532	1.07544	.69007	1.03563	1.25098	1.14657	1.07377	.68746
1.496	1.124	1.06012	1.27142	1.17178	1.10253	.71929	1.01014	1.22698	1.11968	1.04581	.65890
1.496	2.030	1.08610	1.28839	1.19123	1.12237	.74189	.99373	1.20379	1.09746	1.02335	.63540
GRADIENT		.01572	.02146	.02291	.02332	.02484	-.03012	-.01987	-.02229	-.02323	-.02531

IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE

(RCMO35) (03 OCT 91)

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 1427/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPC4	CPC5	CPC6	CPC2
1.517	-7.973	.78807	1.06341	.94766	.87755	1.19387	1.30711	1.24388	.88545
1.517	-6.944	.76252	1.08740	.97132	.90106	1.13037	1.28620	1.22147	.85930
1.517	-5.948	.76184	1.10945	.99462	.92491	1.07720	1.26480	1.20010	.83302
1.518	-4.950	.75348	1.13042	1.01785	.94885	1.02093	1.24614	1.17990	.80732
1.517	-3.948	.74892	1.15014	1.03999	.97116	.96479	1.22559	1.15759	.78038
1.518	-2.945	.75895	1.17350	1.06431	.99510	.91522	1.20416	1.13446	.75430
1.517	-1.942	.77831	1.19738	1.08819	1.01831	.87961	1.18151	1.10983	.72744
1.517	-.928	.94780	1.20003	1.11554	1.04387	.98568	1.16186	1.08646	.70153
1.517	-.115	1.00949	1.23889	1.14006	1.06616	1.01355	1.14520	1.06901	.68345
1.517	.978	.96178	1.28798	1.16489	1.09192	.93261	1.11434	1.04063	.65564
1.517	2.017	.88278	1.28700	1.18565	1.11615	.78395	1.08680	1.01432	.63054
GRADIENT		.03450	.02389	.02475	.02428	-.01749	-.02255	-.02369	-.02533

RUN NO. 1416/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPC4	CPC5	CPC6	CPC2
1.543	-7.971	.59870	1.06534	.93841	.86858	1.37824	1.29745	1.23453	.87695
1.543	-6.949	.61407	1.08407	.95918	.88956	1.35986	1.27521	1.21132	.85081
1.543	-5.946	.64977	1.09598	.98065	.91235	1.34253	1.25424	1.18932	.82538
1.543	-4.944	.67915	1.09415	.99896	.93296	1.32840	1.23288	1.16660	.79901
1.543	-3.948	.75190	1.06077	1.01517	.95473	1.33223	1.21416	1.14602	.77375
1.543	-2.945	.82891	1.04491	1.04498	.98338	1.35701	1.19552	1.12339	.74665
1.543	-1.942	.87579	1.05772	1.08028	1.01250	1.34417	1.18002	1.10262	.72153
1.543	-.927	.91222	1.08102	1.11406	1.03880	1.24583	1.16225	1.08052	.69546
1.543	-.116	.93381	1.13751	1.14069	1.05926	1.13742	1.14295	1.06047	.67613
1.543	1.001	.94575	1.26346	1.16517	1.08546	1.07565	1.11154	1.03464	.65062
1.542	2.012	.94423	1.35025	1.18155	1.10651	.87532	1.07627	1.00740	.62579
GRADIENT		.03828	.03751	.02829	.02559	-.00208	-.02154	-.02270	-.02491

IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE

(RCM036) (03 OCT 91)

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 1335/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
.900	-7.958	.79141	.82709	.71726	.64271	.21437	1.09633	1.13280	1.06668	1.00934	.64230
.900	-6.937	.81511	.84792	.74246	.66875	.24205	1.10809	1.11905	1.04913	.98993	.61568
.900	-5.938	.83743	.87008	.76770	.69545	.26983	1.06460	1.10476	1.03153	.97058	.58994
.900	-4.934	.85837	.89217	.79249	.72076	.29604	1.04734	1.08895	1.01241	.94960	.56289
.900	-3.935	.87985	.91612	.81861	.74703	.32349	1.03095	1.07408	.99461	.92978	.53716
.900	-2.935	.90132	.93898	.84355	.77197	.35154	1.01243	1.05626	.97361	.90723	.50969
.900	-1.929	.92189	.96245	.86710	.79591	.37827	.99451	1.03876	.95278	.88502	.48178
.900	-.918	.94239	.98472	.89099	.82130	.40726	.97693	1.02082	.93160	.86256	.45534
.900	.038	.95898	1.00230	.91176	.84296	.43192	.95918	1.00216	.91024	.83983	.42937
.900	.980	.97682	1.02001	.93242	.86442	.45812	.94109	.98208	.88843	.81649	.40247
.900	2.008	.99618	1.03919	.95440	.88688	.48628	.92065	.95870	.86490	.79198	.37430
GRADIENT		.01978	.02120	.02324	.02393	.02738	-.01821	-.01867	-.02135	-.02279	-.02721

IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE

(RCM037) (03 OCT 91)

PARAMETRIC DATA

BETA = 1.000 PHI = 180.000

RUN NO. 1357/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
.599	-7.940	.64181	.67634	.56742	.49333	.07881	.97245	1.00634	.94128	.88368	.52055
.600	-6.915	.66801	.70318	.59802	.52408	.10845	.95689	.99298	.92399	.86447	.49394
.599	-5.911	.69229	.72799	.62506	.55119	.13504	.93903	.97649	.90391	.84230	.46434
.600	-4.906	.71896	.75707	.65490	.58178	.16706	.92252	.96194	.88585	.82284	.43938
.600	-3.889	.74159	.78183	.68031	.60767	.19311	.90409	.94427	.86453	.80023	.41070
.600	-2.869	.76553	.80639	.70682	.63488	.22181	.88383	.92553	.84232	.77624	.38152
.601	-1.831	.79041	.83116	.73480	.66340	.25309	.86510	.90756	.82115	.75369	.35423
.601	-.777	.81203	.85341	.75995	.68949	.28298	.84288	.88555	.79628	.72689	.32371
.601	.297	.83409	.87603	.78631	.71702	.31403	.82250	.86448	.77207	.70080	.29488
.600	1.188	.85354	.89596	.80846	.73997	.33974	.80572	.84676	.75182	.67923	.27028
.600	2.118	.87152	.91410	.82846	.76115	.36480	.78503	.82644	.72857	.65486	.24392
GRADIENT		.02181	.02235	.02491	.02574	.02848	-.01951	-.01928	-.02232	-.02389	-.02774

IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE

(RCMO37) (03 OCT 91)

PARAMETRIC DATA

BETA = 1.000 PHI = 180.000

RUN NO. 1346/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
.800	-7.940	.72805	.76108	.65130	.57591	.14066	1.04460	1.08128	1.01454	.95666	.58467
.800	-6.922	.75236	.78622	.68003	.60505	.16959	1.02921	1.06749	.99665	.93692	.55744
.800	-5.920	.77625	.81074	.70756	.63293	.19928	1.01185	1.05197	.97783	.91633	.53014
.800	-4.914	.79989	.83585	.73437	.66014	.22750	.99543	1.03737	.95969	.89632	.50310
.800	-3.906	.82178	.86216	.76015	.68613	.25647	.97718	1.02063	.93971	.87442	.47583
.800	-2.889	.84384	.88573	.78549	.71230	.28510	.95823	1.00232	.91833	.85102	.44684
.801	-1.867	.86596	.90854	.81118	.73903	.31547	.93953	.98408	.89673	.82791	.41843
.800	-.834	.88730	.93075	.83570	.76479	.34448	.91992	.96454	.87407	.80378	.38901
.800	.218	.90774	.95250	.86095	.79122	.37546	.90027	.94391	.85003	.77854	.36067
.800	1.129	.92635	.97084	.88231	.81298	.40138	.88271	.92525	.82881	.75611	.33435
.800	2.084	.94415	.98848	.90270	.83408	.42777	.86221	.90513	.80584	.73174	.30727
GRADIENT		.02066	.02171	.02414	.02503	.02871	-.01891	-.01889	-.02199	-.02348	-.02800

RUN NO. 1336/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
.900	-7.943	.79032	.82254	.71545	.64153	.21433	1.09322	1.13015	1.06416	1.00720	.64076
.900	-6.915	.81255	.84575	.74251	.66828	.24135	1.07755	1.11606	1.04650	.98761	.61385
.900	-5.910	.83470	.86954	.76338	.69505	.26909	1.06070	1.10127	1.02822	.96746	.58738
.900	-4.905	.85774	.89270	.79405	.72123	.29645	1.04475	1.08703	1.01067	.94797	.56160
.900	-3.894	.87880	.91871	.81853	.74645	.32347	1.02736	1.07074	.99151	.92694	.53444
.901	-2.879	.90042	.94156	.84388	.77208	.35256	1.00986	1.05402	.97120	.90511	.50759
.900	-1.852	.92123	.96349	.86808	.79717	.38072	.99170	1.03631	.95048	.88292	.47973
.900	-.819	.94111	.98425	.89125	.82147	.40847	.97228	1.01686	.92775	.85876	.45121
.900	.231	.96069	1.00549	.91576	.84722	.43778	.95380	.99737	.90520	.83486	.42368
.900	1.141	.97813	1.02269	.93571	.86797	.46262	.93656	.97907	.88482	.81301	.39845
.900	2.095	.99532	1.03964	.95537	.88814	.48851	.91718	.95995	.86273	.78973	.37214
GRADIENT		.01965	.02084	.02312	.02397	.02748	-.01815	-.01817	-.02116	-.02261	-.02704

RUN NO. 1325/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.100	-7.949	.94566	.97560	.87520	.80648	.41802	1.21967	1.25465	1.19318	1.13976	.80310
1.100	-6.926	.96669	.99702	.90084	.83146	.44321	1.20605	1.24269	1.17785	1.12225	.77954
1.100	-5.948	.98488	1.01655	.92288	.85385	.46615	1.19084	1.22931	1.16118	1.10391	.75494
1.100	-4.924	1.00551	1.03905	.94668	.87813	.49178	1.17559	1.21553	1.14436	1.08553	.73082
1.100	-3.925	1.02420	1.06182	.96810	.90034	.51528	1.15964	1.20066	1.12656	1.06662	.70617
1.100	-2.919	1.04361	1.08207	.99058	.92359	.54035	1.14301	1.18501	1.10803	1.04661	.68158
1.100	-1.912	1.06181	1.10095	1.01174	.94535	.56476	1.12645	1.16855	1.08850	1.02583	.65643
1.100	-.917	1.07981	1.11947	1.03300	.96742	.58996	1.11032	1.15247	1.06992	1.00567	.63242
1.100	.089	1.09577	1.13809	1.05375	.98938	.61510	1.09370	1.13480	1.04985	.98433	.60840
1.100	1.052	1.11229	1.15503	1.07294	1.00982	.63878	1.07744	1.11756	1.03038	.96340	.58477
1.100	2.026	1.12822	1.17089	1.09115	1.02877	.66166	1.05967	1.09979	1.00980	.94190	.56066
GRADIENT		.01764	.01886	.02090	.02180	.02461	-.01659	-.01666	-.01934	-.02069	-.02444

IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE

(RCM037) (03 OCT 91)

PARAMETRIC DATA

BETA = 1.000 PHI = 180.000

RUN NO. 1371/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.250	-7.949	1.01185	1.04702	.94445	.87368	.48546	1.29385	1.33228	1.26754	1.21077	.86622
1.250	-6.928	1.03167	1.06726	.96832	.89781	.50952	1.27857	1.31923	1.24989	1.19084	.84142
1.250	-5.920	1.05195	1.08874	.99185	.92159	.53381	1.26352	1.30422	1.23153	1.17199	.81751
1.250	-4.923	1.07104	1.11209	1.01466	.94465	.55787	1.24541	1.28892	1.21423	1.15344	.79326
1.250	-3.909	1.08990	1.13313	1.03651	.96677	.58196	1.22867	1.27426	1.19646	1.13423	.76886
1.250	-2.895	1.10955	1.15370	1.05878	.98964	.60698	1.21136	1.25802	1.17736	1.11331	.74369
1.250	-1.882	1.12875	1.17399	1.08081	1.01288	.63225	1.19485	1.24207	1.15850	1.09288	.72000
1.250	-.860	1.14764	1.19297	1.10254	1.03541	.65719	1.17794	1.22483	1.13843	1.07132	.69570
1.250	1.186	1.16624	1.21321	1.12540	1.05929	.68351	1.16039	1.20688	1.11767	1.04966	.67159
1.250	1.122	1.18256	1.22984	1.14418	1.07832	.70541	1.14371	1.18912	1.09737	1.02861	.64851
1.250	2.079	1.19894	1.24641	1.16327	1.09795	.72831	1.12655	1.17131	1.07743	1.00759	.62596
GRADIENT		.01833	.01921	.02132	.02206	.02446	-.01689	-.01681	-.01956	-.02086	-.02385

RUN NO. 1382/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.399	-7.955	1.01881	1.07147	.96218	.88832	.49914	1.33014	1.38112	1.30643	1.24452	.88660
1.400	-6.930	1.03857	1.09355	.98692	.91283	.52227	1.31189	1.36560	1.28749	1.22404	.86151
1.400	-5.923	1.05865	1.11639	1.01107	.93749	.54604	1.29235	1.34978	1.26883	1.20403	.83655
1.400	-4.921	1.07838	1.14048	1.03417	.96081	.56929	1.27248	1.33351	1.24880	1.18277	.81073
1.400	-3.914	1.09959	1.16322	1.05775	.98446	.59327	1.25347	1.31633	1.22869	1.16169	.78578
1.400	-2.905	1.12051	1.18579	1.08187	1.00862	.61753	1.23302	1.29771	1.20809	1.13973	.75958
1.400	-1.890	1.13995	1.20559	1.10496	1.03260	.64242	1.21290	1.28025	1.18783	1.11739	.73398
1.400	-.870	1.16086	1.22681	1.12768	1.05655	.66825	1.19547	1.26233	1.16628	1.09455	.70839
1.400	.172	1.18141	1.24955	1.15255	1.08217	.69469	1.17598	1.24178	1.14238	1.06974	.68190
1.400	1.117	1.19980	1.26811	1.17356	1.10385	.71865	1.15713	1.22222	1.12087	1.04747	.65907
1.400	2.073	1.21743	1.28558	1.19385	1.12430	.74262	1.13755	1.20295	1.09991	1.02561	.63589
GRADIENT		.01989	.02078	.02290	.02354	.02486	-.01914	-.01861	-.02133	-.02257	-.02509

RUN NO. 1394/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.450	-7.943	1.00041	1.07098	.96050	.88758	.50224	1.32814	1.38790	1.30999	1.24767	.89220
1.450	-6.906	1.02059	1.09557	.98654	.91362	.52476	1.30800	1.37271	1.29131	1.22812	.86719
1.450	-5.901	1.04007	1.12070	1.01166	.93833	.54717	1.28533	1.35571	1.27307	1.20810	.84166
1.450	-4.896	1.05864	1.14243	1.03400	.96078	.56984	1.26313	1.33988	1.25293	1.18606	.81562
1.450	-3.882	1.07990	1.16524	1.05748	.98414	.59423	1.24317	1.32180	1.23191	1.16464	.78983
1.450	-2.864	1.10036	1.18870	1.08253	1.00958	.62001	1.21926	1.30308	1.21193	1.14385	.76293
1.450	-1.834	1.12144	1.20814	1.10573	1.03387	.64582	1.19721	1.28604	1.19156	1.12067	.73674
1.450	-.781	1.14476	1.23128	1.12949	1.05751	.67165	1.17858	1.26947	1.16876	1.09525	.71076
1.450	.281	1.16966	1.25745	1.15709	1.08526	.69922	1.15905	1.24865	1.14541	1.07093	.68329
1.450	1.175	1.18771	1.27591	1.17705	1.10647	.72303	1.13943	1.22658	1.12350	1.04972	.65952
1.450	2.113	1.20332	1.29175	1.19789	1.12793	.74651	1.11805	1.20494	1.10095	1.02631	.63599
GRADIENT		.02103	.02156	.02349	.02396	.02527	-.02043	-.01884	-.02153	-.02282	-.02562

IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE

(RCM037) (03 OCT 91)

PARAMETRIC DATA

BETA = 1.000 PHI = 180.000

RUN NO. 1438/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPC01	CPU	CPC4	CPC5	CPC6	CPC02
1.471	-7.882	.97258	1.06966	.95789	.88462	.49998	1.31073	1.38863	1.30698	1.24209	.88148
1.471	-6.913	.98910	1.09249	.98199	.90828	.52069	1.28864	1.37076	1.28719	1.22195	.85712
1.471	-5.908	1.00608	1.11723	1.00707	.93298	.54276	1.26084	1.35226	1.26609	1.19985	.83062
1.471	-4.903	1.02454	1.14079	1.03073	.95749	.56594	1.23588	1.33493	1.24580	1.17891	.80581
1.471	-3.888	1.04079	1.16217	1.05286	.97990	.58816	1.20878	1.31527	1.22375	1.15539	.77896
1.471	-2.871	1.05944	1.18370	1.07690	1.00420	.61286	1.18308	1.29605	1.20144	1.13147	.75266
1.471	-1.843	1.07887	1.20459	1.10037	1.02828	.63901	1.15741	1.27631	1.17955	1.10861	.72748
1.471	-.800	1.09816	1.22465	1.12147	1.05017	.66400	1.13197	1.25620	1.15643	1.08458	.70177
1.471	.260	1.12171	1.24652	1.14576	1.07554	.69140	1.10993	1.23652	1.13509	1.06301	.67529
1.471	1.159	1.14082	1.26444	1.16675	1.09736	.71486	1.09215	1.22040	1.11610	1.04294	.65274
1.471	2.104	1.16416	1.28265	1.18710	1.11798	.73873	1.07536	1.20093	1.09547	1.02127	.62931
GRADIENT		.01985	.02022	.02233	.02297	.02482	-.02306	-.01902	-.02140	-.02237	-.02508

RUN NO. 1405/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPC01	CPU	CPC4	CPC5	CPC6	CPC02
1.496	-7.947	.94632	1.07262	.96000	.88763	.50523	1.29895	1.39557	1.31506	1.25100	.88840
1.496	-6.916	.95451	1.09746	.98584	.91294	.52762	1.26775	1.37894	1.29508	1.22952	.86267
1.496	-5.906	.96297	1.12218	1.01076	.93721	.54848	1.23241	1.36007	1.27351	1.20704	.83597
1.496	-4.902	.97312	1.14630	1.03470	.96123	.57058	1.19805	1.34281	1.25225	1.18464	.81050
1.496	-3.892	.98433	1.17040	1.05792	.98460	.59334	1.16397	1.32368	1.22976	1.16108	.78454
1.496	-2.878	.99452	1.19243	1.08193	1.00872	.61755	1.12717	1.30262	1.20667	1.13744	.75816
1.496	-1.852	1.00514	1.21226	1.10527	1.03309	.64275	1.09176	1.28298	1.18513	1.11421	.73265
1.496	-.814	1.01886	1.23191	1.12714	1.05629	.66831	1.05869	1.26333	1.16243	1.09055	.70647
1.496	.247	1.04213	1.25308	1.15062	1.08027	.69547	1.03168	1.24426	1.13976	1.06765	.68167
1.496	1.157	1.06701	1.27062	1.17090	1.10106	.71780	1.01392	1.22710	1.12054	1.04777	.65881
1.496	2.104	1.09508	1.28839	1.19141	1.12213	.74132	.99982	1.20798	1.10031	1.02624	.63490
GRADIENT		.01675	.02004	.02231	.02298	.02452	-.02907	-.01914	-.02164	-.02253	-.02495

RUN NO. 1428/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPC01	CPU	CPC4	CPC5	CPC6	CPC02
1.517	-7.947	.77769	1.06392	.95037	.87963	.49693	1.18514	1.38699	1.30663	1.24332	.88444
1.518	-6.916	.75703	1.09024	.97656	.90481	.52212	1.12494	1.37090	1.28577	1.22117	.85856
1.517	-5.913	.75496	1.11490	1.00120	.92893	.54426	1.06914	1.34939	1.26342	1.19875	.83134
1.518	-4.902	.74580	1.13890	1.02595	.95348	.56675	1.01144	1.33206	1.24417	1.17824	.80573
1.518	-3.893	.73740	1.16105	1.04731	.97527	.58838	.94935	1.31483	1.22369	1.15624	.77911
1.517	-2.908	.75094	1.18529	1.07015	.99822	.61214	.90359	1.29787	1.20130	1.13212	.75154
1.518	-1.853	.77199	1.21010	1.09362	1.02211	.63712	.86986	1.28157	1.17941	1.10827	.72504
1.518	-.808	.81215	1.23557	1.11866	1.04763	.66307	.85394	1.26695	1.15685	1.08393	.69885
1.518	.246	.93555	1.26506	1.14745	1.07516	.69147	.93345	1.24254	1.13483	1.05974	.67409
1.518	1.157	.87484	1.27661	1.16685	1.09596	.71265	.82849	1.22126	1.11122	1.03699	.65174
1.518	2.102	.87834	1.28755	1.18681	1.11766	.73631	.77892	1.19985	1.08834	1.01405	.62875
GRADIENT		.02626	.02225	.02337	.02370	.02444	-.02526	-.01854	-.02210	-.02343	-.02518

DATE 03 OCT 91

IA310 (AEDC 16TF-783) TABULATED DATA

PAGE 81

IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE

(RCMO37) (03 OCT 91)

PARAMETRIC DATA

BETA = 1.000 PHI = 180.000

RUN NO. 1417/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPC1	CPC4	CPC5	CPC6	CPQ2
1.543	-7.946	.59938	1.06160	.94101	.48970	.98784	1.37602	1.29522	1.23255	.87561
1.543	-6.915	.61671	1.08146	.96416	.51582	.94764	1.35709	1.27260	1.20878	.84879
1.543	-5.911	.64873	1.09305	.98668	.54030	.91895	1.33839	1.25026	1.18568	.82244
1.542	-4.907	.68098	1.09720	1.00974	.56219	.89498	1.32501	1.23023	1.16450	.79683
1.554	-3.893	.74178	1.06591	1.02874	.58358	.90153	1.32376	1.21027	1.14265	.77073
1.554	-2.878	.82260	1.04788	1.05312	.60622	.93589	1.35057	1.19171	1.12015	.74362
1.554	-1.847	.86956	1.06567	1.08674	.63023	.94103	1.33743	1.17492	1.09857	.71754
1.543	-.811	.90359	1.09835	1.11979	.65384	.93744	1.24031	1.15700	1.07612	.69121
1.543	.246	.92803	1.18242	1.14827	.68047	.92415	1.12294	1.13434	1.05238	.66679
1.554	1.160	.93730	1.28831	1.16707	1.0396	.90142	1.07336	1.10653	1.03024	.64642
1.554	2.101	.93925	1.35283	1.18258	1.10832	.86801	1.05367	1.07371	1.00474	.62386
	GRADIENT	.03718	.03908	.02624	.02403	-.00255	-.04634	-.02124	-.02248	-.02467

IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE

(RCMO38) (03 OCT 91)

PARAMETRIC DATA

BETA = 2.000 PHI = 180.000

RUN NO. 1358/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPC1	CPC4	CPC5	CPC6	CPQ2
.599	-7.904	.63349	.66977	.56385	.48904	.07627	.99988	.93568	.87867	.51613
.599	-6.881	.66133	.69894	.59351	.51928	.10695	.98579	.91788	.85898	.48976
.600	-5.867	.68691	.72621	.62209	.54914	.13605	.97019	.89866	.83776	.46203
.600	-4.858	.71234	.75301	.65022	.57764	.16481	.95522	.87999	.81779	.43526
.600	-3.840	.73504	.77590	.67629	.60451	.19190	.93725	.85860	.79500	.40654
.600	-2.811	.75904	.80086	.70252	.63100	.22179	.91830	.83625	.77104	.37828
.601	-1.776	.78308	.82399	.72963	.65892	.25178	.89842	.81304	.74633	.34845
.601	-.745	.80619	.84837	.75685	.68697	.28252	.87946	.79130	.72254	.32057
.600	.265	.82702	.87031	.78137	.71241	.31131	.85957	.76842	.69820	.29316
.600	1.223	.84799	.89147	.80507	.73681	.33831	.84075	.74648	.67508	.26647
.600	2.191	.86705	.91078	.82634	.75956	.36500	.82007	.72342	.65053	.24041
	GRADIENT	.02208	.02256	.02521	.02600	.02865	-.01914	-.02214	-.02370	-.02765

IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE

(RCM038) (03 OCT 91)

PARAMETRIC DATA

BETA = 2.000 PHI = 180.000

RUN NO. 1347/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPC1	CPU	CPC4	CPC5	CPC6	CPC2
.800	-7.919	.72130	.75583	.64804	.57193	.13931	1.03807	1.07530	1.00957	.95228	.58133
.800	-6.895	.74572	.78299	.67584	.60064	.16851	1.02199	1.06065	.99107	.93198	.55390
.800	-5.889	.77028	.80935	.70325	.62942	.19730	1.00581	1.04635	.97310	.91222	.52682
.800	-4.881	.79375	.83282	.72966	.65651	.22630	.98826	1.03050	.95384	.89109	.49955
.801	-3.865	.81670	.85745	.75680	.68368	.25605	.97096	1.01456	.93466	.87001	.47283
.800	-2.851	.83841	.88098	.78175	.70891	.28422	.95159	.99640	.91325	.84663	.44331
.800	-1.828	.86060	.90345	.80768	.73579	.31392	.93337	.97846	.89179	.82358	.41481
.800	-.810	.88136	.92510	.83189	.76153	.34321	.91413	.95912	.86946	.80009	.38682
.800	.191	.90119	.94645	.85591	.78640	.37256	.89500	.93919	.84649	.77615	.35924
.800	1.155	.92049	.96577	.87829	.80935	.40008	.87621	.91943	.82441	.75266	.33215
.799	2.140	.93960	.98486	.90018	.83184	.42729	.85578	.89840	.80053	.72732	.30325
GRADIENT		.02073	.02162	.02427	.02505	.02869	-.01884	-.01885	-.02188	-.02332	-.02794

RUN NO. 1337/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPC1	CPU	CPC4	CPC5	CPC6	CPC2
.900	-7.896	.78449	.81825	.71261	.63786	.21354	1.08646	1.12373	1.05862	1.00217	.63633
.900	-6.892	.80693	.84374	.73895	.66449	.24013	1.07135	1.11054	1.04184	.98346	.61062
.900	-5.884	.82976	.86902	.76497	.69233	.26812	1.05556	1.09659	1.02433	.96414	.58515
.900	-4.866	.85221	.89019	.79018	.71837	.29536	1.03835	1.08092	1.00537	.94317	.55807
.900	-3.856	.87338	.91387	.81470	.74342	.32204	1.02115	1.06493	.98654	.92076	.53110
.900	-2.837	.89508	.93679	.84017	.76866	.35092	1.00358	1.04839	.96641	.90076	.50396
.900	-1.812	.91618	.95867	.86492	.79439	.37973	.98561	1.03072	.94553	.87857	.47683
.900	-.794	.93602	.97943	.88816	.81863	.40759	.96719	1.01202	.92369	.85568	.44931
.900	.206	.95513	1.00017	.91131	.84294	.43546	.94921	.99310	.90220	.83275	.42272
.900	1.169	.97346	1.01904	.93279	.86531	.46225	.93081	.97406	.88083	.81000	.39656
.900	2.144	.99238	1.03740	.95398	.88708	.48920	.91250	.95502	.85915	.78710	.36994
GRADIENT		.01994	.02096	.02341	.02416	.02774	-.01795	-.01802	-.02094	-.02231	-.02680

RUN NO. 1326/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPC1	CPU	CPC4	CPC5	CPC6	CPC2
1.099	-7.940	.94064	.97145	.87246	.80334	.41661	1.21474	1.24992	1.18925	1.13633	.80056
1.100	-6.917	.96125	.99526	.89727	.82821	.44135	1.20120	1.23831	1.17416	1.11915	.77712
1.101	-5.915	.98152	1.01855	.92095	.85237	.46644	1.18683	1.22539	1.15804	1.10120	.75315
1.100	-4.909	1.00016	1.03722	.94287	.87474	.49002	1.17054	1.21074	1.14014	1.08187	.72804
1.100	-3.914	1.01954	1.05833	.96480	.89776	.51411	1.15527	1.19641	1.12308	1.06368	.70439
1.100	-2.910	1.03921	1.07813	.98735	.92085	.53908	1.13892	1.18114	1.10468	1.04402	.68013
1.100	-1.907	1.05772	1.09721	1.00905	.94329	.56400	1.12271	1.16525	1.08583	1.02384	.65558
1.100	-.921	1.07508	1.11542	1.02970	.96451	.58854	1.10612	1.14867	1.06683	1.00342	.63147
1.100	.066	1.09137	1.13358	1.04999	.98581	.61311	1.08990	1.13131	1.04766	.98275	.60777
1.100	1.035	1.10700	1.15024	1.06889	1.00588	.63662	1.07236	1.11329	1.02720	.96135	.58358
1.100	2.039	1.12408	1.16764	1.08869	1.02665	.66117	1.05545	1.09552	1.00663	.93964	.55905
GRADIENT		.01775	.01869	.02101	.02185	.02470	-.01661	-.01666	-.01925	-.02055	-.02435

IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE

(RCM038) (03 OCT 91)

PARAMETRIC DATA

MACH		RUN NO. 1372/ 0		RN/L =		2.49		GRADIENT INTERVAL = -5.00/ 5.00		BETA =		2.000		PHI =		180.000	
ALPHA		CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2						
1.249	-7.933	1.00620	1.04296	.94099	.86982	.48388	1.28815	1.32694	1.26308	1.20711	.86316						
1.250	-6.901	1.02675	1.06671	.96475	.89485	.50812	1.27358	1.31495	1.24628	1.18774	.83873						
1.250	-5.895	1.04728	1.08970	.98840	.91890	.53265	1.25855	1.30030	1.22802	1.16867	.81497						
1.251	-4.885	1.06706	1.10967	1.01198	.94281	.55763	1.24100	1.28443	1.21025	1.15009	.79095						
1.250	-3.881	1.08549	1.12957	1.03334	.96409	.58072	1.22330	1.26927	1.19231	1.13059	.76627						
1.251	-2.865	1.10509	1.14953	1.05595	.98735	.60601	1.20623	1.25335	1.17344	1.11006	.74174						
1.250	-1.850	1.12433	1.16940	1.07771	1.01035	.63099	1.18935	1.23687	1.15400	1.08908	.71723						
1.250	-.841	1.14271	1.18861	1.09220	1.03270	.65597	1.17278	1.22005	1.13447	1.06824	.69366						
1.250	.160	1.16040	1.20766	1.12039	1.05475	.68051	1.15564	1.20241	1.11416	1.04713	.66981						
1.249	1.132	1.17769	1.22536	1.14087	1.07563	.70419	1.13873	1.18458	1.09394	1.02613	.64678						
1.250	2.124	1.19471	1.24251	1.16030	1.09548	.72744	1.12071	1.16569	1.07283	1.00379	.62254						
GRADIENT		.01827	.01903	.02126	.02198	.02440	-.01702	-.01691	-.01960	-.02085	-.02393						

MACH		RUN NO. 1383/ 0		RN/L =		GRADIENT INTERVAL = -5.00/ 5.00							
ALPHA		CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2		
1.400	-7.936	1.01405	1.07033	.95931	.88559	.49850	1.32476	1.37617	1.30226	1.24077	.88385		
1.400	-6.910	1.03438	1.09485	.98384	.91071	.52161	1.30704	1.36108	1.28362	1.22065	.85914		
1.400	-5.900	1.05405	1.11580	1.00824	.93486	.54490	1.28762	1.34485	1.26453	1.20038	.83385		
1.400	-4.897	1.07449	1.13761	1.03194	.95929	.56888	1.26784	1.32856	1.24484	1.17926	.80816		
1.400	-3.883	1.09456	1.15909	1.05457	.98208	.59192	1.24805	1.31156	1.22453	1.15758	.78280		
1.400	-2.875	1.11603	1.18130	1.07939	1.00685	.61685	1.22796	1.29309	1.20347	1.13544	.75738		
1.400	-1.860	1.13643	1.20272	1.10281	1.03103	.64209	1.20794	1.27455	1.18258	1.11317	.73175		
1.400	-.854	1.15584	1.22262	1.12439	1.05388	.66677	1.18942	1.25573	1.16096	1.09049	.70614		
1.400	.146	1.17610	1.24444	1.14853	1.07883	.69314	1.17119	1.23733	1.13935	1.06783	.68171		
1.399	1.119	1.19427	1.26298	1.16992	1.10079	.71696	1.15145	1.21784	1.11746	1.04476	.65710		
1.400	2.113	1.21433	1.28199	1.19162	1.12271	.74298	1.13292	1.19920	1.09632	1.02287	.63421		
GRADIENT		.01993	.02067	.02286	.02349	.02492	-.01921	-.01854	-.02126	-.02239	-.02494		

MACH		RUN NO. 1395/ 0		RN/L = 2.49		GRADIENT INTERVAL = -5.00/ 5.00							
ALPHA		CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2		
1.449	-7.907	.99563	1.07048	.95733	.88481	.50187	1.32215	1.38195	1.30480	1.24311	.88870		
1.449	-6.875	1.01469	1.09372	.98133	.90978	.52286	1.30047	1.36498	1.28465	1.22213	.86274		
1.450	-5.863	1.03436	1.11644	1.00739	.93478	.54566	1.27878	1.34842	1.26647	1.20263	.83747		
1.450	-4.848	1.05613	1.13993	1.03273	.96024	.57083	1.25839	1.33381	1.24873	1.18268	.81281		
1.450	-3.831	1.07620	1.16109	1.05551	.98287	.59443	1.23776	1.31708	1.22833	1.16146	.78732		
1.450	-2.807	1.09807	1.18518	1.08055	1.00828	.62028	1.21550	1.29807	1.20663	1.13866	.76062		
1.450	-1.777	1.11864	1.20671	1.10488	1.03324	.64700	1.19207	1.27973	1.18528	1.11595	.73522		
1.450	-.748	1.13916	1.22695	1.12690	1.05559	.67102	1.17099	1.26044	1.16225	1.09091	.70839		
1.450	.258	1.16099	1.24963	1.15170	1.08092	.69680	1.15193	1.24086	1.14026	1.06715	.68179		
1.450	1.219	1.18100	1.26921	1.17430	1.10473	.72190	1.13267	1.22128	1.11920	1.04593	.65722		
1.449	2.188	1.20021	1.28608	1.19423	1.12603	.74658	1.11204	1.20097	1.09546	1.02144	.63206		
GRADIENT		.02056	.02098	.02314	.02373	.02503	-.02080	-.01888	-.02172	-.02297	-.02572		

(RCMO38) (03 OCT 91)

PARAMETRIC DATA

BETA = 2.000 PHI = 180.000

RUN NO. 1439/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.471	-7.914	.96880	1.06853	.95350	.88098	.49815	1.30755	1.38498	1.30526	1.24071	.85068
1.471	-6.874	.98632	1.09226	.97877	.90586	.52024	1.28443	1.36656	1.28348	1.21880	.84667
1.471	-5.871	1.00290	1.11432	1.00369	.93021	.54223	1.25673	1.34764	1.26208	1.19645	.82790
1.471	-4.859	1.02035	1.13693	1.02719	.95454	.56527	1.23065	1.32970	1.24133	1.17484	.80268
1.471	-3.843	1.03865	1.15871	1.05053	.97815	.58872	1.20529	1.31064	1.21991	1.15252	.77722
1.471	-2.823	1.05823	1.18104	1.07459	1.00241	.61341	1.17943	1.29189	1.19867	1.12969	.75111
1.471	-1.794	1.07717	1.20241	1.09771	1.02577	.63884	1.15387	1.27244	1.17657	1.10676	.72506
1.471	-.767	1.09714	1.22197	1.11872	1.04773	.66280	1.12991	1.25301	1.15459	1.08382	.69966
1.471	.237	1.11808	1.24160	1.14112	1.07113	.68893	1.10804	1.23385	1.13304	1.06140	.67390
1.471	1.199	1.13997	1.26119	1.16342	1.09432	.71366	1.09029	1.21649	1.11230	1.03977	.65078
1.471	2.176	1.16433	1.27975	1.18430	1.11541	.73802	1.07309	1.19692	1.09083	1.01731	.62579
GRADIENT		.02023	.02024	.02226	.02286	.02462	-.02265	-.01882	-.02138	-.02237	-.02513

RUN NO. 1406/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.496	.94489	1.07336	.95746	.88559	.50480	1.29571	1.39133	1.39133	1.31174	1.24850	.86668
1.496	.95465	1.09675	.98302	.91048	.52708	1.26528	1.37457	1.37457	1.29164	1.22667	.86030
1.496	.96244	1.12043	1.00789	.93483	.54822	1.23067	1.35661	1.35661	1.27054	1.20459	.83393
1.496	.97637	1.14511	1.03268	.96001	.57157	1.19889	1.33937	1.33937	1.24978	1.18269	.80883
1.496	.98446	1.16690	1.05415	.98150	.59270	1.16164	1.31895	1.31895	1.22615	1.15787	.78177
1.496	.99775	1.18984	1.07898	1.00610	.61713	1.12736	1.29876	1.29876	1.20382	1.13443	.75600
1.496	1.00711	1.21068	1.10298	1.03076	.64220	1.09062	1.27828	1.27828	1.18084	1.11073	.72981
1.496	1.02575	1.22973	1.12559	1.05448	.66780	1.06308	1.25939	1.25939	1.15952	1.08853	.70535
1.496	1.04636	1.24872	1.14717	1.07708	.69304	1.03750	1.24067	1.24067	1.13738	1.06589	.68069
1.496	1.07185	1.26759	1.16862	1.09908	.71731	1.01878	1.22341	1.22341	1.11735	1.04497	.65690
1.496	1.10163	1.28675	1.19031	1.12122	.74158	1.00443	1.20664	1.20664	1.09644	1.02291	.63208
GRADIENT		.01745	.02000	.02251	.02310	.02444	-.02810	-.01893	-.02174	-.02260	-.02498

RUN NO. 1429/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.518	.78287	1.06308	.94783	.87695	.49536	1.18558	1.38262	1.38262	1.30312	1.23998	.88133
1.518	.75695	1.09069	.97383	.90208	.52092	1.12270	1.36666	1.36666	1.28232	1.21807	.85606
1.518	.75779	1.11747	.99885	.92685	.54410	1.07082	1.34635	1.34635	1.26055	1.19614	.82994
1.518	.74812	1.14266	1.02282	.95053	.56571	1.00971	1.32656	1.32656	1.23946	1.17418	.80283
1.518	.73928	1.16555	1.04511	.97324	.58749	.94807	1.30927	1.30927	1.21875	1.15221	.77609
1.519	.75021	1.18805	1.06914	.99737	.61247	.89932	1.29253	1.29253	1.19737	1.12900	.74979
1.518	.77249	1.20859	1.09266	1.02179	.63825	.86908	1.27548	1.27548	1.17532	1.10514	.72373
1.517	.79283	1.22819	1.11445	1.04392	.66147	.83605	1.25692	1.25692	1.15097	1.07914	.69666
1.517	.82302	1.24901	1.14054	1.07019	.68798	.81687	1.24099	1.24099	1.12852	1.05559	.67262
1.518	.84515	1.26665	1.16368	1.09395	.71354	.79283	1.22438	1.22438	1.10745	1.03379	.64959
1.518	.87719	1.28337	1.18552	1.11693	.73809	.77193	1.20404	1.20404	1.08490	1.01102	.62662
GRADIENT		.01973	.02003	.02327	.02376	.02468	-.03223	-.01721	-.02211	-.02343	-.02513

DATE 03 OCT 91

IA310 (AEDC 16TF-783) TABULATED DATA

PAGE 85

IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE (RCM038) (03 OCT 91)

PARAMETRIC DATA

BETA = 2.000 PHI = 180.000

RUN NO. 1418/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPCB	CPC1	CPC2	CPC3	CPC01	CPU	CPC4	CPC5	CPC6	CPC02
1.543	-7.916	.60229	1.06018	.94140	.87049	.48925	.99060	1.37087	1.29088	1.22882	.87265
1.542	-6.884	.61495	1.08233	.96641	.89416	.51429	.94428	1.35133	1.26777	1.20465	.84545
1.543	-5.876	.64344	1.10281	.99265	.91927	.53833	.91693	1.33324	1.24623	1.18220	.81979
1.543	-4.865	.67455	1.11679	1.01920	.94446	.56079	.89136	1.31814	1.22544	1.16057	.79423
1.543	-3.851	.71360	1.11627	1.04359	.96823	.58203	.87797	1.31011	1.20517	1.13875	.76823
1.543	-2.829	.80018	1.06719	1.06727	.99315	.60482	.91645	1.33153	1.18644	1.11650	.74165
1.543	-1.804	.84869	1.09150	1.09318	1.01678	.62845	.92248	1.33271	1.16814	1.09385	.71519
1.543	-.780	.88294	1.13639	1.12058	1.04092	.65342	.91840	1.26700	1.15153	1.07230	.69028
1.543	.223	.90624	1.22057	1.14356	1.06407	.67879	.90525	1.16316	1.13245	1.05094	.66656
1.543	1.187	.91896	1.30828	1.16284	1.08596	.70349	.88280	1.09932	1.10870	1.02952	.64446
1.542	2.165	.92120	1.34350	1.17908	1.10620	.72730	.84733	1.06392	1.07793	1.00440	.62116
GRADIENT		.03684	.03590	.02333	.02315	.02388	-.00371	-.04010	-.02000	-.02196	-.02461

IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE

(RCM039) (03 OCT 91)

PARAMETRIC DATA

BETA = 3.000 PHI = 180.000

RUN NO. 1359/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPCB	CPC1	CPC2	CPC3	CPC01	CPU	CPC4	CPC5	CPC6	CPC02
.600	-7.870	.62448	.66235	.55745	.48322	.07277	.95458	.98983	.92767	.87176	.51209
.600	-6.847	.65109	.68881	.58657	.51244	.10021	.93840	.97578	.90942	.85142	.48379
.600	-5.836	.67723	.71583	.61553	.54182	.12977	.92187	.96128	.89143	.83156	.45736
.601	-4.820	.70270	.74263	.64359	.57084	.15995	.90285	.94388	.87040	.80950	.42911
.601	-3.798	.72569	.76687	.66974	.59767	.18872	.88354	.92634	.84949	.78693	.40114
.601	-2.772	.74989	.79257	.69700	.62547	.21814	.86570	.90957	.82920	.76484	.37309
.600	-1.746	.77359	.81666	.72352	.65280	.24879	.84670	.89082	.80725	.74154	.34539
.601	-.728	.79639	.83967	.75014	.68003	.27919	.82658	.87069	.78439	.71659	.31668
.601	.283	.81578	.85986	.77317	.70404	.30743	.80464	.84890	.75950	.69072	.28831
.601	1.256	.83740	.88133	.79702	.72924	.33527	.78677	.82989	.73772	.66785	.26303
.601	2.230	.85695	.90155	.81984	.75329	.36256	.76593	.80943	.71408	.64312	.23515
GRADIENT		.02192	.02253	.02507	.02592	.02888	-.01940	-.01916	-.02222	-.02367	-.02749

IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE

(RCMO39) (03 OCT 91)

PARAMETRIC DATA

BETA = 3.000 PHI = 180.000

RUN NO. 1348/ O		RN/L =		2.50		GRADIENT INTERVAL = -5.00/		5.00			
MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CP02
.800	-7.894	.71173	.74766	.64079	.56485	.13268	1.02874	1.06629	1.00195	.94584	.57632
.800	-6.871	.73675	.77329	.66916	.59384	.16236	1.01237	1.05186	.98385	.92567	.54903
.800	-5.863	.76025	.79856	.69607	.62146	.19098	.99585	1.03730	.96560	.90550	.52170
.800	-4.855	.78468	.82412	.72339	.64944	.22162	.97835	1.02145	.94630	.88426	.49472
.800	-3.840	.80729	.84819	.74970	.67622	.25245	.96027	1.00468	.92668	.86256	.46725
.800	-2.821	.82951	.87171	.77529	.70229	.28111	.94265	.98784	.90614	.84050	.43923
.800	-1.811	.85169	.89509	.80106	.72925	.31112	.92409	.96361	.88483	.81755	.41130
.800	-.799	.87211	.91692	.82524	.75478	.33959	.90495	.95046	.86222	.79412	.38264
.800	.208	.89225	.93851	.84950	.77974	.36875	.88573	.93093	.83977	.77047	.35486
.800	1.184	.91195	.95795	.87184	.80333	.39682	.86586	.91019	.81675	.74643	.32730
.800	2.163	.93153	.97715	.89403	.82628	.42518	.84595	.88362	.79332	.72195	.29954
GRADIENT		.02087	.02185	.02433	.02527	.02891	-.01883	-.01879	-.02184	-.02312	-.02783

RUN NO. 1338/ O		RN/L =		2.50		GRADIENT INTERVAL =		-5.00/ 5.00		CPC5		CPC6		CPO2	
MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4							
.900	-7.891	.77613	.80997	.70588	.63130	.20813	1.07840	1.11564			1.05227		.99676		.63278
.900	-6.864	.79904	.83495	.73269	.65857	.23513	1.06287	1.10253			1.03528		.97772		.60704
.900	-5.856	.82068	.85825	.75804	.68447	.26242	1.04617	1.08752			1.01684		.95744		.58043
.900	-4.840	.84338	.88279	.78375	.71117	.29095	1.02921	1.07211			.99844		.93681		.55353
.900	-3.827	.86560	.90598	.80904	.73724	.31994	1.01200	1.05628			.97924		.91601		.52642
.900	-2.811	.88715	.92886	.83431	.76277	.34857	.99508	1.04021			.95981		.89506		.50017
.900	-1.792	.90753	.95007	.85805	.78755	.37611	.97638	1.02178			.97226		.87226		.47238
.900	-.782	.92791	.97235	.88253	.81281	.40485	.95892	1.00411			.91744		.85038		.44587
.900	.223	.94591	.99154	.90420	.83574	.43142	.93902	.98366			.89442		.82615		.41767
.900	1.198	.96579	1.01197	.92700	.85969	.45948	.92152	.96557			.87378		.80428		.39203
.900	2.177	.98442	1.02974	.94778	.88167	.48662	.90227	.94548			.85119		.78076		.36508
GRADIENT		.01998	.02097	.02338	.02430	.02779	-.01809	-.01810			-.02104		-.02228		-.02685

RUN NO. 1327/ 0		RN/L = 2.50		GRADIENT INTERVAL = -5.00/ 5.00							
MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CP01	CPU	CPC4	CPC5	CPC6	CP02
1.099	-7.937	.93281	.96476	.86656	.79727	.41370	1.20776	1.24320	1.18384	1.13172	.79757
1.100	-6.912	.95403	.98749	.89128	.82229	.43873	1.19372	1.23107	1.16830	1.11403	.77363
1.100	-5.909	.97358	1.00907	.91439	.84566	.46291	1.17927	1.21822	1.15216	1.09627	.74955
1.100	-4.904	.99335	1.03057	.93744	.86905	.48758	1.16379	1.20412	1.13499	1.07742	.72511
1.100	-3.904	1.01231	1.05070	.95936	.89219	.51171	1.14782	1.18929	1.11731	1.05859	.70085
1.100	-2.917	1.03103	1.07024	.98096	.91437	.53552	1.13183	1.17438	1.09935	1.03948	.67765
1.100	-1.896	1.04961	1.08960	1.00295	.93745	.56077	1.11434	1.15751	1.07968	1.01859	.65238
1.100	-.924	1.06714	1.10831	1.02411	.95885	.58541	1.09830	1.14110	1.06088	.99843	.62829
1.100	.079	1.08398	1.12652	1.04433	.98007	.60987	1.08163	1.12393	1.04142	.97775	.60416
1.100	1.067	1.10028	1.14378	1.06397	1.00070	.63397	1.06445	1.10602	1.02135	.95658	.58042
1.100	2.057	1.11662	1.16033	1.08275	1.02100	.65798	1.04655	1.08759	1.00332	.93472	.55555
GRADIENT		.01771	.01869	.02097	.02184	.02456	-.01681	-.01675	-.00193	-.02052	-.02434

IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE

(RCM039) (03 OCT 91)

PARAMETRIC DATA

BETA = 3.000 PHI = 180.000

RUN NO. 1373/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.249	-7.914	.99928	1.03681	.93551	.86434	.48137	1.28176	1.32037	1.25756	1.20254	.86002
1.250	-6.882	1.02018	1.05952	.95982	.88939	.50664	1.26580	1.30737	1.24068	1.18331	.83523
1.250	-5.876	1.04008	1.08070	.98276	.91345	.53017	1.25092	1.29374	1.22291	1.16405	.81156
1.250	-4.869	1.05990	1.10181	1.00619	.93738	.55459	1.23373	1.27677	1.20351	1.14401	.78640
1.250	-3.858	1.07882	1.12262	1.02836	.95920	.57886	1.21580	1.26145	1.18601	1.12510	.76277
1.250	-2.845	1.09770	1.14254	1.05063	.98238	.60344	1.19854	1.24574	1.16741	1.10499	.73835
1.250	-1.834	1.11709	1.16271	1.07279	1.00579	.62905	1.18151	1.22938	1.14821	1.08437	.71436
1.250	-.828	1.13576	1.18223	1.09443	1.02815	.65370	1.16517	1.21270	1.12887	1.06405	.69058
1.250	.177	1.15387	1.20090	1.11529	1.04976	.67807	1.14803	1.19480	1.10831	1.04267	.66662
1.250	1.157	1.17082	1.21870	1.13553	1.07034	.70156	1.13024	1.17660	1.08763	1.02125	.64293
1.250	2.146	1.18830	1.23616	1.15518	1.09098	.72533	1.11243	1.15763	1.06675	.99919	.61895
GRADIENT		.01835	.01918	.02130	.02202	.02442	-.01715	-.01694	-.01953	-.02065	-.02386

RUN NO. 1384/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.400	-7.924	1.00650	1.06237	.95303	.87927	.49591	1.31726	1.36873	1.29633	1.23557	.88041
1.400	-6.889	1.02760	1.08632	.97918	.90471	.51951	1.29959	1.35381	1.27777	1.21544	.85558
1.400	-5.884	1.04785	1.10804	1.00331	.93079	.54292	1.28095	1.33806	1.25883	1.19562	.83089
1.400	-4.877	1.06725	1.12965	1.02666	.95466	.56647	1.25986	1.32051	1.23838	1.17384	.80434
1.400	-3.871	1.08829	1.15234	1.05029	.97872	.59073	1.24075	1.30411	1.21871	1.15258	.77927
1.400	-2.858	1.10980	1.17497	1.07489	1.00315	.61524	1.22220	1.28719	1.19920	1.13169	.75521
1.400	-1.846	1.12970	1.19555	1.09767	1.02649	.63963	1.20127	1.26708	1.17627	1.10763	.72854
1.400	-.842	1.15025	1.21662	1.12045	1.05033	.66536	1.18278	1.24883	1.15550	1.08628	.70363
1.400	.162	1.16998	1.23712	1.14280	1.07351	.69095	1.16340	1.22974	1.13355	1.06353	.67857
1.399	1.144	1.18923	1.25629	1.16457	1.09566	.71546	1.14400	1.21035	1.11205	1.04083	.65473
1.400	2.136	1.20872	1.27544	1.18563	1.11700	.74041	1.12435	1.18976	1.08976	1.01723	.62991
GRADIENT		.02014	.02075	.02269	.02322	.02486	-.01932	-.01869	-.02127	-.02233	-.02492

RUN NO. 1397/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.449	-7.881	.98806	1.06157	.95106	.87851	.49992	1.31496	1.37367	1.29801	1.23704	.88465
1.452	-6.841	1.01049	1.08717	.97948	.90717	.52359	1.29600	1.36063	1.28162	1.21903	.86182
1.450	-5.831	1.02876	1.10936	1.00284	.93113	.54511	1.27266	1.34118	1.26027	1.19707	.83455
1.450	-4.816	1.05027	1.13274	1.02829	.95633	.56949	1.25151	1.32530	1.24215	1.17737	.80921
1.450	-3.797	1.06932	1.15415	1.05077	.97898	.59318	1.22874	1.30822	1.22145	1.15541	.78279
1.450	-2.771	1.09248	1.17837	1.07629	1.00483	.61935	1.20993	1.29199	1.20211	1.13458	.75826
1.450	-1.750	1.11359	1.20041	1.10006	.64454	.64454	1.18727	1.27219	1.17900	1.11011	.73108
1.450	-.735	1.13419	1.22186	1.12349	1.05259	.66988	1.16535	1.25325	1.15739	1.08725	.70555
1.450	.274	1.15517	1.24199	1.14573	1.07528	.69502	1.14488	1.23283	1.13520	1.06375	.67949
1.450	1.248	1.17524	1.26114	1.16660	1.09740	.71894	1.12472	1.21269	1.11257	1.04045	.65380
1.449	2.224	1.19654	1.28061	1.18831	1.12004	.74446	1.10518	1.19259	1.08898	1.01638	.62873
GRADIENT		.02081	.02106	.02281	.02331	.02488	-.02081	-.01893	-.02172	-.02288	-.02563

IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE

(RCMO39) (03 OCT 91)

PARAMETRIC DATA

BETA = 3.000 PHI = 180.000

RUN NO. 1440/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CP02
1.471	-7.885	.96305	1.05979	.94776	.87463	.49548	1.30060	1.37691	1.29999	1.23647	.87723
1.471	-6.853	.98062	1.08343	.97399	.90126	.51833	1.27720	1.36040	1.27812	1.21390	.85075
1.471	-5.839	.99927	1.10733	.99895	.92642	.54110	1.25262	1.34212	1.25763	1.19304	.82575
1.471	-4.824	1.01599	1.12910	1.02271	.95058	.56417	1.22516	1.32269	1.23556	1.17003	.79916
1.471	-3.813	1.03422	1.15117	1.04603	.97452	.58775	1.19947	1.30336	1.21348	1.14682	.77326
1.471	-2.791	1.05462	1.17385	1.07002	.99868	.61239	1.17487	1.28440	1.19282	1.12517	.74821
1.471	-1.767	1.07445	1.19541	1.09351	1.02227	.63708	1.15047	1.26502	1.17187	1.10345	.72273
1.471	-.755	1.09516	1.21602	1.11524	1.04435	.66098	1.12710	1.24697	1.14985	1.08052	.69657
1.470	.256	1.11665	1.23568	1.13644	1.06692	.68655	1.10546	1.22719	1.12764	1.05712	.67112
1.471	1.229	1.13875	1.25600	1.15853	1.08959	.71191	1.08566	1.20845	1.10667	1.03540	.64772
1.471	2.209	1.16153	1.27608	1.18101	1.11216	.73724	1.06755	1.18866	1.08530	1.01275	.62276
GRADIENT		.02066	.02080	.02236	.02285	.02457	-.02246	-.01895	-.02132	-.02228	-.02506

RUN NO. 1407/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CP02
1.496	-7.892	.94153	1.06487	.95206	.87956	.50223	1.29123	1.38399	1.30642	1.24394	.88362
1.496	-6.856	.95370	1.08853	.97826	.90616	.52510	1.26139	1.36767	1.28638	1.22223	.85730
1.496	-5.845	.96240	1.11182	1.00243	.93040	.54674	1.22851	1.34998	1.26522	1.20009	.83070
1.496	-4.833	.97369	1.13526	1.02698	.95505	.56939	1.19500	1.33138	1.24338	1.17747	.80475
1.496	-3.821	.98562	1.15685	1.04935	.97761	.59149	1.16051	1.31149	1.22053	1.15345	.77816
1.496	-2.798	.99954	1.18045	1.07382	1.00190	.61554	1.12852	1.29300	1.19980	1.13132	.75344
1.495	-1.781	1.01440	1.20338	1.09780	1.02611	.63986	1.09659	1.27273	1.17677	1.10773	.72721
1.496	-.768	1.03331	1.22385	1.12177	1.05091	.66593	1.06889	1.25438	1.15557	1.08563	.70302
1.496	.241	1.05492	1.24407	1.14421	1.07445	.69158	1.04435	1.23547	1.13400	1.06350	.67870
1.496	1.216	1.07854	1.26333	1.16551	1.09638	.71588	1.02333	1.21649	1.11253	1.04100	.65386
1.496	2.194	1.10769	1.28326	1.18757	1.11843	.74039	1.00753	1.19690	1.09080	1.01835	.62913
GRADIENT		.01877	.02108	.02296	.02343	.02453	-.02699	-.01902	-.02162	-.02250	-.02484

RUN NO. 1430/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CP02
1.517	-7.894	.78619	1.05533	.94242	.87186	.49340	1.18573	1.37458	1.29756	1.23574	.87831
1.518	-6.856	.76510	1.08223	.96837	.89797	.51867	1.12642	1.35968	1.27708	1.21325	.85254
1.518	-5.846	.75773	1.10787	.99292	.92195	.54126	1.07075	1.34041	1.25500	1.19101	.82671
1.518	-4.834	.75959	1.13324	1.01754	.94644	.56391	1.01744	1.31959	1.23315	1.16318	.79965
1.518	-3.816	.75300	1.15639	1.04128	.97029	.58729	.95872	1.30203	1.21286	1.14783	.77385
1.518	-2.798	.75539	1.17823	1.06385	.99312	.61088	.90443	1.28402	1.19125	1.12447	.74718
1.518	-1.780	.77398	1.20006	1.08789	1.01780	.63653	.86658	1.26626	1.16915	1.10025	.72127
1.517	-.767	.79238	1.21894	1.11072	1.04094	.66072	.83365	1.24846	1.14685	1.07601	.69580
1.518	.238	.81952	1.23969	1.13622	1.06694	.68741	.81141	1.23181	1.12514	1.05353	.67168
1.517	1.216	.84231	1.25730	1.15808	1.08949	.71170	.78437	1.21293	1.10125	1.03920	.64686
1.517	2.194	.87627	1.27535	1.17966	1.11239	.73676	.76561	1.19390	1.07769	1.00535	.62271
GRADIENT		.01741	.02016	.02319	.02370	.02469	-.03493	-.01775	-.02209	-.02340	-.02516

IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE

(RCMO39) (03 OCT 91)

PARAMETRIC DATA

BETA = 3.000 PHI = 180.000

RUN NO. 1420/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.543	-7.891	.60033	1.05485	.93437	.86398	.48668	.99560	1.36335	1.28470	1.23352	.86901
1.543	-6.859	.61191	1.08292	.96146	.88343	.51228	.94440	1.34430	1.26262	1.20031	.84237
1.543	-5.844	.63450	1.11031	.98802	.91470	.53615	.91362	1.32644	1.24128	1.17810	.81711
1.543	-4.834	.66614	1.13528	1.01468	.93969	.55845	.88708	1.30903	1.21953	1.15589	.79107
1.543	-3.820	.69479	1.15736	1.03950	.96336	.57997	.86462	1.29628	1.19888	1.13379	.76530
1.543	-2.798	.74108	1.17006	1.06500	.98786	.60247	.86200	1.29302	1.17898	1.11179	.73958
1.543	-1.780	.81357	1.15897	1.09195	1.01286	.62661	.89039	1.31288	1.16042	1.08950	.71331
1.543	-.767	.85073	1.20645	1.11482	1.03644	.65170	.88778	1.29487	1.14272	1.06748	.68845
1.543	.240	.87548	1.26984	1.13527	1.05895	.67712	.87430	1.22640	1.12434	1.04605	.66430
1.543	1.215	.88749	1.31422	1.15467	1.08081	.70179	.84929	1.15638	1.10468	1.02476	.64162
1.543	2.193	.88743	1.31669	1.17343	1.10384	.72721	.80938	1.11961	1.08229	1.00257	.61946
	GRADIENT	.03503	.02837	.02274	.02327	.02413	-.00687	-.02643	-.01909	-.02175	-.02451

IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE

(RCMO40) (03 OCT 91)

PARAMETRIC DATA

BETA = 4.000 PHI = 180.000

RUN NO. 1360/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
.599	-7.846	.60990	.64767	.54678	.47397	.06470	.94058	.97679	.91705	.86260	.50480
.600	-6.821	.63742	.67509	.57684	.50400	.09540	.92331	.96123	.89747	.84096	.47648
.600	-5.807	.66262	.70152	.60507	.53241	.12404	.90578	.94557	.87835	.82056	.44904
.600	-4.791	.68778	.72827	.63307	.56110	.15316	.88785	.92987	.85893	.79941	.42222
.600	-3.770	.71266	.75424	.66050	.58934	.18245	.86914	.91274	.83839	.77717	.39439
.601	-2.748	.73658	.77972	.68777	.61707	.21192	.85083	.89593	.81813	.75528	.36668
.601	-1.729	.75827	.80217	.71229	.64245	.24088	.83046	.87584	.79507	.73078	.33871
.600	-.717	.78235	.82653	.73959	.67025	.27136	.81241	.85861	.77461	.70824	.31174
.600	.292	.80438	.84943	.76485	.69645	.30049	.79306	.83863	.75167	.68431	.28398
.600	1.274	.82414	.86931	.78729	.72012	.32908	.77175	.81710	.72731	.65889	.25632
.600	2.252	.84408	.88880	.80953	.74382	.35682	.75070	.79506	.70268	.63375	.22867
	GRADIENT	.02220	.02284	.02514	.02598	.02900	-.01935	-.01902	-.02207	-.02346	-.02741

IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE

(RCM040) (03 OCT 91)

PARAMETRIC DATA

BETA = 4.000 PHI = 180.000

RUN NO. 1349/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPC4	CPC5	CPC6	CPC2
.800	-7.878	.69923	.73419	.63174	.55704	.12807	1.01536	1.05316	.57003
.800	-6.856	.72442	.76069	.66004	.58552	.15671	.99948	1.03957	.54232
.800	-5.842	.74823	.78643	.68724	.61374	.18621	.98354	1.02542	.51590
.800	-4.833	.77165	.81126	.71389	.64096	.21556	.96561	1.00924	.48889
.800	-3.822	.79533	.83652	.74087	.66807	.24557	.94794	.99339	.46128
.800	-2.809	.81731	.86008	.76667	.69467	.27563	.92880	.97502	.43289
.800	-1.795	.83860	.88281	.79131	.71995	.30400	.91068	.95738	.40535
.800	-.792	.85953	.90504	.81563	.74559	.33270	.89140	.93821	.37695
.800	.216	.88063	.92691	.84009	.77102	.36183	.87203	.91823	.34934
.800	1.200	.89970	.94639	.86222	.79434	.39169	.85214	.89776	.32197
.800	2.182	.92000	.96640	.88514	.81835	.42054	.83234	.87712	.29356
GRADIENT		.02102	.02205	.02433	.02525	.02910	-.01900	-.01889	-.02780

RUN NO. 1339/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPC4	CPC5	CPC6	CPC2
.900	-7.870	.76447	.79765	.69696	.62353	.20277	1.06674	1.0417	.62731
.899	-6.842	.78757	.82299	.72419	.65105	.23017	1.05055	1.09051	.60084
.900	-5.832	.80969	.84723	.75011	.67736	.25797	1.03457	1.07638	.57499
.900	-4.818	.83182	.87116	.77534	.70365	.28553	1.01781	1.06110	.54834
.900	-3.806	.85421	.89493	.80091	.72980	.31400	1.00061	1.04536	.52122
.900	-2.795	.87568	.91799	.82601	.75514	.34265	.98256	1.02837	.49413
.900	-1.780	.89618	.93943	.84984	.77970	.37059	.96465	1.01096	.46801
.900	-.774	.91587	.96062	.87301	.80374	.39826	.94611	.99228	.44079
.900	.234	.93573	.98143	.89605	.82821	.42581	.92719	.97291	.41332
.900	1.214	.95480	1.00114	.91819	.85145	.45448	.90896	.95402	.38673
.900	2.199	.97421	1.02045	.94029	.87472	.48270	.89009	.93426	.36004
GRADIENT		.02016	.02121	.02342	.02431	.02799	-.01823	-.01814	-.02681

RUN NO. 1328/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPC4	CPC5	CPC6	CPC2
1.099	-7.928	.92257	.95388	.85880	.79062	.40941	1.19821	1.23355	.79308
1.100	-6.901	.94467	.97733	.88417	.81626	.43532	1.18427	1.22169	.76935
1.100	-5.904	.96369	.99858	.90721	.83917	.45934	1.16914	1.20854	.74514
1.101	-4.898	.98343	1.02042	.93040	.86283	.48443	1.15370	1.19436	.72066
1.100	-3.898	1.00256	1.04101	.95232	.88536	.50833	1.13835	1.17998	.69735
1.100	-2.902	1.02077	1.06085	.97399	.90790	.53249	1.12112	1.16394	.67236
1.100	-1.906	1.03888	1.07938	.99490	.92962	.55615	1.10436	1.14786	.64840
1.100	-.926	1.05699	1.09864	1.01656	.95171	.58120	1.08763	1.13131	.62428
1.100	.093	1.07457	1.11719	1.03736	.97352	.60632	1.07061	1.11363	.59955
1.100	1.092	1.09107	1.13501	1.05719	.99441	.63093	1.05326	1.09572	.57507
1.100	2.068	1.10723	1.15145	1.07583	1.01472	.65476	1.03507	1.07664	.55031
GRADIENT		.01779	.01883	.02096	.02184	.02452	-.01702	-.01689	-.02446

IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE

(RCMO40) (03 OCT 91)

PARAMETRIC DATA

BETA = 4.000 PHI = 180.000

RUN NO. 1374/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.249	-7.898	.98901	1.02614	.92794	.85780	.47769	1.27198	1.31050	1.24926	1.19548	.85557
1.250	-6.866	1.01063	1.04919	.95286	.88289	.50281	1.25601	1.29745	1.23288	1.17706	.83093
1.250	-5.859	1.03007	1.07027	.97548	.90651	.52659	1.24017	1.28395	1.21542	1.15780	.80671
1.250	-4.849	1.04951	1.09156	.99782	.92922	.55020	1.22384	1.26818	1.19614	1.13736	.78201
1.250	-3.843	1.06970	1.11354	1.02168	.95328	.57551	1.20698	1.25224	1.17815	1.11812	.75808
1.250	-2.837	1.08814	1.13323	1.04335	.97527	.59977	1.18823	1.23522	1.15883	1.09746	.73350
1.250	-1.821	1.10718	1.15328	1.06571	.99848	.62485	1.17191	1.21969	1.14073	1.07821	.71058
1.250	-.820	1.12544	1.17278	1.08692	1.02104	.64959	1.15442	1.20256	1.12087	1.05744	.68640
1.250	.186	1.14381	1.19183	1.10820	1.04317	.67397	1.13699	1.18477	1.10020	1.03606	.66203
1.250	1.168	1.16137	1.20978	1.12857	1.06413	.69766	1.11943	1.16648	1.07972	1.01472	.63829
1.249	2.159	1.17853	1.22694	1.14815	1.08446	.72146	1.10107	1.14740	1.05855	.99260	.61379
GRADIENT		.01838	.01930	.02141	.02218	.02444	-.01744	-.01714	-.01961	-.02061	-.02394

RUN NO. 1385/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.400	-7.865	.99846	1.05259	.94719	.87456	.49419	1.30652	1.35731	1.28688	1.22737	.87483
1.400	-6.874	1.01876	1.07584	.97190	.89892	.51632	1.28962	1.34391	1.26964	1.20867	.85077
1.400	-5.869	1.03904	1.09881	.99634	.92367	.53997	1.27123	1.32809	1.25060	1.18850	.82619
1.400	-4.857	1.05919	1.12142	1.02023	.94843	.56407	1.25170	1.31144	1.23106	1.16797	.80113
1.400	-3.856	1.07928	1.14286	1.04321	.97171	.58758	1.23157	1.29380	1.21086	1.14610	.77539
1.400	-2.846	1.10041	1.16551	1.06787	.99669	.61236	1.21202	1.27618	1.19041	1.12423	.75049
1.400	-1.837	1.12029	1.18644	1.09076	1.02003	.63649	1.19215	1.25757	1.16906	1.10224	.72478
1.400	-.834	1.14075	1.20790	1.11371	1.04378	.66168	1.17290	1.23937	1.14804	1.08021	.69388
1.400	.171	1.16026	1.22790	1.13579	1.06644	.68692	1.15247	1.21949	1.12542	1.05699	.67452
1.400	1.156	1.18026	1.24806	1.15798	1.08925	.71223	1.13359	1.20019	1.10398	1.03460	.65079
1.400	2.146	1.20043	1.26756	1.17967	1.11112	.73724	1.11430	1.17958	1.08183	1.01137	.62637
GRADIENT		.02013	.02089	.02278	.02329	.02477	-.01961	-.01877	-.02133	-.02231	-.02495

RUN NO. 1398/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.450	-7.810	.98068	1.05210	.94561	.87418	.49859	1.30578	1.36385	1.28961	1.22977	.87957
1.450	-6.817	1.00221	1.07700	.97188	.90056	.52063	1.28571	1.34872	1.27222	1.21062	.85572
1.450	-5.805	1.02117	1.09967	.99582	.92432	.54522	1.26418	1.33167	1.25221	1.18925	.83012
1.449	-4.787	1.04024	1.12258	1.01988	.94836	.56563	1.24137	1.31326	1.23149	1.16792	.80359
1.450	-3.768	1.06135	1.14468	1.04396	.97277	.59018	1.21985	1.29658	1.21197	1.14756	.77756
1.450	-2.754	1.08245	1.16682	1.06765	.99694	.61572	1.19819	1.27922	1.19125	1.12557	.75153
1.450	-1.733	1.10369	1.18994	1.09205	1.02155	.64101	1.17756	1.26115	1.17020	1.10299	.72613
1.450	-.722	1.12636	1.21303	1.11668	1.04596	.66657	1.15785	1.24260	1.14952	1.08087	.70147
1.450	.286	1.14825	1.23490	1.14015	1.06951	.69172	1.13638	1.22259	1.12674	1.05732	.67551
1.450	1.268	1.16891	1.25459	1.16168	1.09133	.71600	1.11628	1.20178	1.10364	1.03384	.64975
1.450	2.247	1.18904	1.27441	1.18355	1.11468	.74161	1.09546	1.18076	1.08024	1.01038	.62500
GRADIENT		.02128	.02176	.02338	.02365	.02501	-.02063	-.01880	-.02146	-.02245	-.02533

IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE

(RCMO40) (03 OCT 91)

PARAMETRIC DATA

BETA = 4.000 PHI = 180.000

RUN NO. 1441/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.471	-7.862	.95591	1.04901	.94033	.86834	.49148	1.29351	1.36739	1.29322	1.23179	.87372
1.471	-6.828	.97395	1.07341	.96678	.89483	.51543	1.26844	1.35170	1.27218	1.20846	.84689
1.471	-5.815	.99265	1.09768	.99202	.91977	.53881	1.24547	1.33357	1.25060	1.18679	.82153
1.471	-4.801	1.01006	1.11923	1.01506	.94361	.56125	1.21869	1.31364	1.22841	1.16369	.79479
1.470	-3.784	1.02760	1.14110	1.03854	.96787	.58469	1.19252	1.29404	1.20657	1.14087	.76858
1.470	-2.768	1.04724	1.16384	1.06269	.99221	.60961	1.16799	1.27563	1.18573	1.11919	.74352
1.471	-1.753	1.06857	1.18567	1.08621	1.01577	.63386	1.14517	1.25676	1.16467	1.09782	.71833
1.471	-.743	1.08970	1.20716	1.10940	1.03920	.65798	1.12148	1.23722	1.14242	1.07511	.69292
1.471	.266	1.11250	1.22816	1.13169	1.06238	.68377	1.10065	1.21809	1.12113	1.05272	.66843
1.471	1.245	1.13384	1.24733	1.15264	1.08361	.70856	1.08006	1.19817	1.09949	1.02985	.64397
1.471	2.231	1.15663	1.26741	1.17499	1.10602	.73389	1.06087	1.17829	1.07746	1.00702	.61873
GRADIENT		.02099	.02111	.02273	.02308	.02455	-.02241	-.01916	-.02140	-.02218	-.02493

RUN NO. 1408/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.496	-7.869	.93584	1.05347	.94374	.87244	.49793	1.28562	1.37391	1.29856	1.23745	.87977
1.496	-6.830	.95075	1.07866	.97107	.89948	.52224	1.25548	1.35757	1.27842	1.21604	.85298
1.496	-5.823	.96048	1.10155	.99479	.92325	.54368	1.22464	1.34090	1.25824	1.19433	.82719
1.496	-4.809	.97170	1.12458	1.01897	.94779	.56617	1.19268	1.32247	1.23657	1.17174	.80125
1.496	-3.798	.98456	1.14661	1.04248	.97178	.58905	1.15911	1.30279	1.21422	1.14841	.77503
1.496	-2.781	1.00013	1.16885	1.06601	.99529	.61259	1.12779	1.28309	1.19216	1.12532	.74917
1.496	-1.766	1.01645	1.19171	1.09020	1.01970	.63704	1.09862	1.26472	1.17124	1.10396	.72469
1.496	-.758	1.03695	1.21372	1.11435	1.04433	.66233	1.07240	1.24569	1.14921	1.08146	.70002
1.496	.250	1.05978	1.23602	1.13858	1.06924	.68868	1.04829	1.22618	1.12737	1.05878	.67526
1.496	1.232	1.08401	1.25581	1.16047	1.09149	.71332	1.02740	1.20641	1.10558	1.03605	.65052
1.496	2.219	1.11112	1.27590	1.18291	1.11384	.73810	1.00950	1.18573	1.08335	1.01289	.62522
GRADIENT		.01979	.02166	.02344	.02377	.02461	-.02613	-.01929	-.02169	-.02245	-.02488

RUN NO. 1431/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.518	-7.867	.80297	1.04515	.93649	.86680	.49098	1.19419	1.36419	1.29000	1.23023	.87474
1.518	-6.837	.77349	1.07029	.96070	.89086	.51508	1.12936	1.34921	1.26964	1.20679	.84759
1.518	-5.826	.76603	1.09571	.98585	.91622	.53846	1.07507	1.33213	1.24816	1.18439	.82217
1.517	-4.811	.76763	1.11998	1.00946	.93966	.56018	1.02492	1.31106	1.22515	1.16162	.79517
1.518	-3.796	.77003	1.14328	1.03452	.96441	.58415	.97227	1.29142	1.20351	1.13968	.76892
1.518	-2.779	.76958	1.16497	1.05766	.98801	.60845	.91983	1.27311	1.18251	1.11742	.74353
1.518	-1.765	.77960	1.18584	1.08052	1.01141	.63322	.87436	1.25444	1.16095	1.09382	.71753
1.518	-.757	.80002	1.20685	1.10402	1.03536	.65802	.84086	1.23559	1.13817	1.06956	.69198
1.518	.249	.82358	1.22777	1.12818	1.05967	.68386	.81158	1.21707	1.11584	1.04639	.66759
1.517	1.230	.85003	1.24632	1.14951	1.08135	.70731	.78682	1.19797	1.10918	1.02185	.64273
1.518	2.215	.88992	1.26715	1.17377	1.10622	.73427	.77329	1.17994	1.07103	1.00080	.62031
GRADIENT		.01700	.02079	.02322	.02357	.02470	-.03614	-.01862	-.02203	-.02313	-.02498

IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE

(RCM040) (03 OCT 91)

PARAMETRIC DATA

BETA = 4.000 PHI = 180.000

RUN NO. 1419/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.543	-7.866	.60202	1.04380	.92581	.85766	.48441	1.00525	1.35352	1.27688	1.21688	.86530
1.543	-6.836	.61040	1.07462	.95276	.88316	.51017	.94808	1.33467	1.25572	1.19447	.83926
1.543	-5.825	.62664	1.10268	.97846	.90788	.53349	.90793	1.31609	1.23393	1.17212	.81315
1.543	-4.811	.6452	1.13015	1.00350	.93150	.55433	.88227	1.29840	1.21233	1.15003	.78719
1.543	-3.796	.65997	1.15755	1.02923	.95611	.57638	.85693	1.28287	1.19122	1.12775	.76160
1.543	-2.781	.70454	1.18343	1.05302	.97996	.59918	.83405	1.26953	1.16980	1.10456	.73544
1.543	-1.766	.73454	1.21037	1.07558	1.00320	.62226	.81825	1.26079	1.14912	1.08175	.71010
1.554	-758	.77472	1.24072	1.09938	1.02754	.64807	.81398	1.25947	1.12942	1.06025	.68581
1.554	.248	.80638	1.26298	1.12209	1.05097	.67412	.80377	1.25398	1.10839	1.03721	.66044
1.554	1.230	.81092	1.26649	1.14238	1.07302	.69833	.76700	1.22779	1.08714	1.01471	.63734
1.543	2.214	.81836	1.27253	1.16371	1.09612	.72382	.73018	1.19927	1.06502	.99103	.61465
	GRADIENT	.02547	.02148	.02273	.02339	.02425	-.01905	-.01203	-.02080	-.02253	-.02463

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(RCM041) (03 OCT 91)

PARAMETRIC DATA

BETA = -4.000 PHI = 180.000

RUN NO. 1670/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
.600	-8.125	.60647	.64269	.54094	.47293	.05968	.96516	.95979	.97069	.84614	.51806
.600	-7.121	.63505	.67164	.57133	.50297	.08953	.95003	.96104	.97101	.82470	.49173
.600	-6.140	.65945	.69507	.59687	.52845	.11459	.93252	.95996	.96926	.80051	.46328
.601	-5.164	.68502	.72113	.62481	.55691	.14430	.91533	.95950	.96844	.77762	.43738
.600	-4.188	.71145	.74809	.65265	.58504	.17401	.89953	.95993	.96882	.75596	.41218
.600	-3.220	.73301	.76975	.67621	.60875	.19951	.87949	.95910	.96801	.72957	.38361
.601	-2.253	.75523	.79174	.70056	.63347	.22759	.85961	.95749	.96667	.70500	.35666
.601	-1.284	.77781	.81373	.72509	.65806	.25528	.83984	.95638	.96610	.67996	.32872
.600	-.291	.79944	.83439	.74914	.68241	.28299	.81899	.95569	.96596	.65378	.30045
.600	.704	.81984	.85433	.77178	.70569	.31008	.79677	.95219	.96348	.62622	.27150
.600	1.729	.84022	.87382	.79436	.72970	.33989	.77405	.94966	.96205	.59784	.24280
	GRADIENT	.02192	.02136	.02412	.02455	.02809	-.02114	-.00169	-.00109	-.02657	-.02861

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(RCMO41) (03 OCT 91)

PARAMETRIC DATA

BETA = -4.000 PHI = 180.000

RUN NO. 1746/ 0		RN/L = 2.50		GRADIENT INTERVAL = -5.00/ 5.00		CPU		CPC4		CPC5		CPC6		CPC02	
MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPC01	CPC02	CPC03	CPC04	CPC05	CPC06	CPC07	CPC08	CPC09	CPC10
.800	-8.087	.69488	.72856	.62466	.55199	.12183	1.03603	1.07059	1.07059	1.09984	.91614	.58110	.58110	.58110	.58110
.799	-7.081	.72074	.75472	.65306	.58123	.15012	1.02133	1.07042	1.07042	1.09961	.89435	.55413	.55413	.55413	.55413
.800	-6.094	.74479	.77884	.67928	.60862	.17947	1.00389	1.06951	1.06951	1.09863	.87146	.52775	.52775	.52775	.52775
.799	-5.110	.76878	.80384	.70571	.63496	.20710	.98732	1.06869	1.06869	1.09798	.84842	.50061	.50061	.50061	.50061
.800	-4.133	.79226	.82731	.73167	.66156	.23658	.97037	1.06813	1.06813	1.09758	.82535	.47406	.47406	.47406	.47406
.800	-3.154	.81409	.84872	.75629	.68604	.26392	.95234	1.06759	1.06759	1.09767	.80175	.44647	.44647	.44647	.44647
.800	-2.179	.83627	.87178	.78084	.71133	.29279	.93414	1.06592	1.06592	1.09780	.77790	.41944	.41944	.41944	.41944
.800	-1.201	.85651	.89282	.80387	.73506	.31998	.91405	1.06588	1.06588	1.09759	.75254	.39094	.39094	.39094	.39094
.800	-.204	.87690	.91308	.82675	.75905	.34780	.89364	1.06460	1.06460	1.09742	.72611	.36283	.36283	.36283	.36283
.800	.789	.89726	.93355	.84976	.78303	.37596	.87230	1.06336	1.06336	1.09772	.69902	.33291	.33291	.33291	.33291
.799	1.806	.91704	.95247	.87142	.80576	.40458	.85077	1.06148	1.06148	1.09733	.67129	.30368	.30368	.30368	.30368
GRADIENT		.02100	.02118	.02356	.02436	.02829	-.02021	-.00111	-.00111	-.00004	-.02600	-.02872	-.02872	-.02872	-.02872

RUN NO. 1659/ 0		RN/L = 2.50		GRADIENT INTERVAL = -5.00/ 5.00		CPU		CPC4		CPC5		CPC6		CPC02	
MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPC01	CPC02	CPC03	CPC04	CPC05	CPC06	CPC07	CPC08	CPC09	CPC10
.900	-8.098	.76108	.79374	.69039	.62292	.19609	1.08802	1.16744	1.16744	1.19258	.96908	.63888	.63888	.63888	.63888
.900	-7.081	.78459	.81699	.71671	.64844	.22351	1.07108	1.16563	1.16563	1.19148	.94582	.61183	.61183	.61183	.61183
.900	-6.098	.80806	.84141	.74295	.67468	.25129	1.05614	1.16547	1.16547	1.19312	.92523	.58685	.58685	.58685	.58685
.900	-5.113	.82884	.86338	.76226	.69863	.27720	1.03824	1.16511	1.16511	1.19283	.90173	.55964	.55964	.55964	.55964
.900	-4.135	.85242	.88744	.79206	.72445	.30545	1.02296	1.16462	1.16462	1.19343	.88042	.53431	.53431	.53431	.53431
.900	-3.165	.87300	.90844	.81505	.74780	.33166	1.00570	1.16447	1.16447	1.19461	.85752	.50768	.50768	.50768	.50768
.900	-2.186	.89358	.92957	.83872	.77141	.35920	.98779	1.16370	1.16370	1.19520	.83431	.48165	.48165	.48165	.48165
.900	-1.213	.91362	.94963	.86123	.79439	.38611	.96895	1.16275	1.16275	1.19591	.80998	.45479	.45479	.45479	.45479
.900	-.216	.93316	.96955	.88338	.81723	.41303	.94916	1.16130	1.16130	1.19625	.78493	.42725	.42725	.42725	.42725
.900	.777	.95142	.98778	.90413	.83905	.43873	.92823	1.15936	1.15936	1.19634	.75900	.39862	.39862	.39862	.39862
.900	1.798	.97145	1.00729	.92641	.86221	.46748	.90825	1.15598	1.15598	1.19558	.73289	.37051	.37051	.37051	.37051
GRADIENT		.02001	.02018	.02263	.02320	.02727	-.01945	-.00140	-.00140	-.00039	-.02492	-.02763	-.02763	-.02763	-.02763

RUN NO. 1738/ 0		RN/L = 2.51		GRADIENT INTERVAL = -5.00/ 5.00		CPU		CPC4		CPC5		CPC6		CPC02	
MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPC01	CPC02	CPC03	CPC04	CPC05	CPC06	CPC07	CPC08	CPC09	CPC10
1.098	-7.989	.91924	.94896	.85390	.78809	.40718	1.21012	1.10848	1.10848	1.15553	1.00100	.79743	.79743	.79743	.79743
1.100	-7.016	.94204	.97160	.87887	.81266	.43239	1.19872	1.10990	1.10990	1.15564	1.08226	.77607	.77607	.77607	.77607
1.101	-6.023	.96235	.99336	.90210	.83635	.45712	1.18428	1.11183	1.11183	1.15630	1.06247	.75265	.75265	.75265	.75265
1.101	-5.030	.98277	1.01485	.92499	.85941	.48121	1.16921	1.11373	1.11373	1.15722	1.04197	.72834	.72834	.72834	.72834
1.101	-4.040	1.00209	1.03398	.94647	.88196	.50408	1.15302	1.11472	1.11472	1.15738	1.02043	.70351	.70351	.70351	.70351
1.100	-3.049	1.02185	1.05382	.96824	.90437	.52789	1.13767	1.11540	1.11540	1.15712	.99983	.68012	.68012	.68012	.68012
1.100	-2.064	1.04068	1.07392	.98951	.92645	.55200	1.12094	1.11617	1.11617	1.15720	.97767	.65557	.65557	.65557	.65557
1.100	-1.072	1.05892	1.09240	1.01065	.94764	.57667	1.10367	1.11611	1.11611	1.15650	.95526	.63092	.63092	.63092	.63092
1.100	-.052	1.07699	1.11117	1.03128	.96910	.60132	1.08520	1.11609	1.11609	1.15615	.93139	.60486	.60486	.60486	.60486
1.100	.922	1.09448	1.12857	1.05100	.98963	.62491	1.06814	1.11611	1.11611	1.15598	.90935	.58098	.58098	.58098	.58098
1.100	1.931	1.11170	1.14542	1.07014	1.01008	.64893	1.04945	1.11552	1.11552	1.15524	.88515	.55578	.55578	.55578	.55578
GRADIENT		.01832	.01870	.02075	.02144	.02433	-.01742	.00013	.00013	-.00035	-.02272	-.02484	-.02484	-.02484	-.02484

IA310 (AEDC 16TF-783) TABULATED DATA
IA310 (AEDC 16TF-783) PROBE CALIBRATION

(RCMO41) (03 OCT 91)

PARAMETRIC DATA

BETA = -4.000 PHI = 180.000

RUN NO. 1722/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CP01	CPU	CPC4	CPC5	CPC6	CP02
1.249	-8.032	.98688	1.02077	.92250	.85573	.47274	1.28808	1.33962	1.35327	1.17086	.86214
1.250	-7.062	1.00808	1.04286	.94619	.87936	.49608	1.27476	1.34012	1.35373	1.15152	.84023
1.250	-6.074	1.02840	1.06434	.96920	.90354	.52017	1.25938	1.33964	1.35329	1.13017	.81667
1.250	-5.084	1.04910	1.08586	.99202	.92575	.54415	1.24389	1.33985	1.35373	1.10926	.79312
1.249	-4.101	1.06798	1.10433	1.01315	.94711	.56666	1.22499	1.33876	1.35317	1.08651	.76725
1.250	-3.120	1.08760	1.12496	1.03565	.96966	.59124	1.20899	1.33798	1.35294	1.06702	.74538
1.250	-2.142	1.10578	1.14412	1.05641	.99113	.61427	1.19150	1.33646	1.35232	1.04514	.72189
1.250	-1.167	1.12448	1.16268	1.07720	1.01234	.63824	1.17451	1.33601	1.35249	1.02252	.69809
1.250	-1.160	1.14235	1.18050	1.09704	1.03347	.66146	1.15615	1.33429	1.35173	.99908	.67331
1.250	.832	1.16103	1.19868	1.11785	1.05446	.68575	1.13791	1.33256	1.35149	.97604	.64956
1.250	1.844	1.17878	1.21598	1.13762	1.07520	.70951	1.11871	1.33053	1.35083	.95181	.62404
GRADIENT		.01861	.01871	.02086	.02151	.02398	-.01791	-.00136	-.00038	-.02281	-.02417

RUN NO. 1711/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CP01	CPU	CPC4	CPC5	CPC6	CP02
1.400	-8.024	.99821	1.04685	.94055	.87396	.49127	1.32817	1.22119	1.16382	1.20117	.88643
1.400	-7.050	1.01924	1.06982	.96469	.89727	.51354	1.31181	1.22308	1.16417	1.17936	.86259
1.400	-6.066	1.03963	1.09214	.98854	.92033	.53625	1.29382	1.22456	1.16431	1.15768	.83861
1.400	-5.073	1.05983	1.11371	1.01198	.94348	.55920	1.27397	1.22596	1.16455	1.13479	.81345
1.400	-4.090	1.08082	1.13480	1.03495	.96723	.58337	1.25484	1.22689	1.16451	1.11246	.78962
1.400	-3.110	1.10117	1.15614	1.05764	.99032	.60664	1.23532	1.22745	1.16412	1.08907	.76503
1.400	-2.131	1.12198	1.17734	1.08055	1.01260	.63034	1.21697	1.22864	1.16454	1.06598	.74132
1.400	-1.150	1.14209	1.19757	1.10273	1.03501	.65416	1.19744	1.22898	1.16416	1.04191	.71648
1.400	-.151	1.16181	1.21732	1.12452	1.05696	.67853	1.17713	1.22897	1.16377	1.01738	.69180
1.399	.842	1.18157	1.23656	1.14593	1.07920	.70306	1.15673	1.22862	1.16309	.99351	.66779
1.400	1.857	1.20244	1.25632	1.16798	1.10181	.72837	1.13619	1.22935	1.16369	.96781	.64230
GRADIENT		.02040	.02039	.02235	.02257	.02439	-.01995	.00036	-.00019	-.02430	-.02474

RUN NO. 1704/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CP01	CPU	CPC4	CPC5	CPC6	CP02
1.450	-8.114	.97560	1.04201	.93298	.86654	.48708	1.32891	1.23635	1.21674	1.20309	.88944
1.450	-7.110	.99732	1.06521	.95736	.89010	.50610	1.30759	1.23809	1.21659	1.17814	.86351
1.450	-6.125	1.01789	1.08803	.98203	.91481	.52903	1.28788	1.23974	1.21668	1.15655	.83975
1.450	-5.141	1.03835	1.10968	1.00566	.93807	.55160	1.26646	1.24062	1.21604	1.13339	.81397
1.449	-4.168	1.05828	1.13089	1.02858	.96083	.57403	1.24422	1.24116	1.21549	1.10869	.78787
1.450	-3.200	1.08007	1.15360	1.05273	.98468	.59870	1.22511	1.24351	1.21668	1.08627	.76469
1.450	-2.227	1.10014	1.17427	1.07439	1.00628	.62129	1.20521	1.24458	1.21673	1.06240	.74004
1.450	-1.261	1.12193	1.19588	1.09753	1.02996	.64629	1.18484	1.24533	1.21668	1.03801	.71575
1.450	-.261	1.14236	1.21633	1.12008	1.05272	.67117	1.16261	1.24473	1.21563	1.01195	.69049
1.450	.731	1.16374	1.23652	1.14260	1.07475	.69627	1.14177	1.24469	1.21543	.98707	.66595
1.450	1.752	1.18643	1.25697	1.16592	1.09856	.72329	1.12022	1.24534	1.21597	.96244	.64187
GRADIENT		.02153	.02124	.02311	.02319	.02512	-.02107	.00054	-.00008	-.02493	-.02483

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(RCMO41) (03 OCT 91)

PARAMETRIC DATA

BETA = -4.000 PHI = 180.000

RUN NO. 1697/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CP02
1.470	-8.064	.95938	1.04190	.93137	.86558	.48329	1.31884	1.23081	1.25254	1.19503	.88232
1.470	-7.098	.97832	1.06491	.95604	.88895	.50510	1.29741	1.23376	1.25406	1.17140	.85859
1.470	-6.113	.99844	1.08839	.98118	.91337	.52777	1.27657	1.23472	1.25369	1.14863	.83416
1.470	-5.125	1.01831	1.11090	1.00584	.93806	.55041	1.25245	1.23651	1.25456	1.12526	.80922
1.470	-4.151	1.03751	1.13235	1.02912	.96127	.57268	1.22806	1.23792	1.25495	1.10076	.78418
1.470	-3.181	1.05761	1.15346	1.05167	.98374	.59555	1.20563	1.23884	1.25494	1.07746	.76075
1.470	-2.211	1.07795	1.17364	1.07335	1.00526	.61907	1.18362	1.23921	1.25469	1.05324	.73653
1.470	-1.236	1.09794	1.19321	1.09480	1.02706	.64272	1.16205	1.23912	1.25409	1.02845	.71163
1.470	-.243	1.11932	1.21374	1.11178	1.05062	.66788	1.14042	1.23987	1.25446	1.00425	.68675
1.484	.752	1.14110	1.23315	1.13881	1.07257	.69238	1.11886	1.23983	1.25413	.98043	.66284
1.485	1.772	1.16501	1.25427	1.16217	1.09542	.71842	1.09856	1.24019	1.25444	.95586	.63997
GRADIENT		.02141	.02047	.02236	.02266	.02462	-.02192	.00034	-.00012	-.02455	-.02457

RUN NO. 1667/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CP02
1.497	-8.059	.92285	1.02598	.91688	.85308	.47775	1.28871	1.34428	1.36551	1.18206	.87324
1.496	-7.089	.93729	1.04920	.94157	.87663	.49973	1.26404	1.34599	1.36690	1.15819	.84961
1.497	-6.107	.95049	1.07111	.96472	.89905	.52003	1.23787	1.34523	1.36595	1.13442	.82476
1.497	-5.117	.96719	1.09534	.99032	.92368	.54217	1.21255	1.34508	1.36577	1.11209	.80052
1.497	-4.146	.97995	1.11712	1.01374	.94701	.56422	1.18196	1.34572	1.36660	1.08842	.77587
1.497	-3.169	.99347	1.13769	1.03612	.96971	.58664	1.15124	1.34505	1.36613	1.06471	.75160
1.497	-2.198	1.01171	1.15868	1.05853	.99218	.60992	1.12530	1.34400	1.36538	1.04030	.72724
1.497	-1.226	1.03009	1.17964	1.08096	1.01453	.63417	1.09942	1.34383	1.36577	1.01600	.70351
1.497	-.228	1.05170	1.19967	1.10290	1.03685	.65911	1.07613	1.34289	1.36546	.99188	.67996
1.497	.765	1.07598	1.21880	1.12422	1.05875	.68386	1.05421	1.34191	1.36539	.96685	.65620
1.496	1.790	1.10334	1.23852	1.14625	1.08089	.70843	1.03454	1.34045	1.36511	.94030	.63129
GRADIENT		.02082	.02052	.02235	.02258	.02446	-.02478	-.00084	-.00021	-.02490	-.02430

RUN NO. 1685/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CP02
1.519	-8.051	.85519	1.02895	.91972	.85485	.47775	1.24113	1.25323	1.32980	1.17928	.87298
1.520	-7.087	.84775	1.05196	.94367	.87775	.50019	1.19908	1.25532	1.33063	1.15812	.85023
1.520	-6.104	.84066	1.07352	.96657	.90100	.52224	1.15317	1.25650	1.33058	1.13386	.82508
1.520	-5.121	.83704	1.09767	.99062	.92503	.54568	1.10687	1.25766	1.33095	1.10962	.80008
1.520	-4.141	.83652	1.12089	1.01350	.94768	.56775	1.06038	1.25793	1.33051	1.08549	.77531
1.520	-3.173	.83804	1.14284	1.03681	.97060	.59048	1.01534	1.25851	1.33053	1.06198	.75138
1.520	-2.196	.84415	1.16294	1.05843	.99232	.61344	.97332	1.25851	1.33014	1.03761	.72735
1.520	-1.222	.85485	1.18222	1.08020	1.01467	.63727	.93372	1.25884	1.33020	1.01318	.70405
1.520	-.228	.87433	1.20101	1.10181	1.03670	.66107	.89914	1.25850	1.32968	.98826	.68045
1.520	.766	.90765	1.22014	1.12401	1.05905	.68514	.87952	1.25831	1.32950	.96407	.65764
1.520	1.787	.95163	1.23939	1.14610	1.08095	.70960	.87173	1.25783	1.32914	.93891	.63329
GRADIENT		.01869	.01984	.02228	.02248	.02398	-.03295	-.00003	-.00024	-.02479	-.02390

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(RCM041) (03 OCT 91)

PARAMETRIC DATA

BETA = -4.000 PHI = 180.000

RUN NO. 1678/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.541	-8.058	.64280	1.02106	.90703	.84506	.47240	1.07873	1.33471	1.36334	1.17746	.87051
1.541	-7.089	.63050	1.04808	.93220	.86831	.49604	1.01304	1.33620	1.36446	1.15395	.84682
1.545	-6.103	.62559	1.07586	.95707	.89079	.52124	.93727	1.34054	1.36848	1.13159	.82305
1.543	-5.123	.64316	1.10169	.98221	.91412	.54417	.89510	1.33891	1.36684	1.10562	.79666
1.544	-4.146	.66795	1.12747	1.00827	.93899	.56759	.85861	1.34007	1.36814	1.08248	.77323
1.544	-3.166	.69282	1.15122	1.03081	.96125	.58852	.83651	1.33998	1.36829	1.05709	.74851
1.543	-2.198	.72323	1.17569	1.05349	.98381	.61034	.81875	1.33898	1.36755	1.03232	.72456
1.542	-1.222	.76264	1.20056	1.07587	1.00667	.63286	.81215	1.33739	1.36645	1.00682	.70053
1.543	-.229	.81497	1.22998	1.09901	1.03061	.65697	.82183	1.33701	1.36671	.98220	.67707
1.543	.766	.83026	1.24738	1.11965	1.05309	.68106	.79615	1.33602	1.36631	.95691	.65323
1.543	1.788	.82144	1.25033	1.14098	1.07646	.70681	.73812	1.33562	1.36670	.93187	.62990
	GRADIENT	.02987	.02223	.02248	.02326	.02350	-.01593	-.00084	-.00033	-.02541	-.02417

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(RCM042) (03 OCT 91)

PARAMETRIC DATA

BETA = -4.000 PHI = 180.000

RUN NO. 1568/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
.599	-7.140	.63331	.66984	.57065	.50086	.08910	.94796	.88677	.89032	.82324	.49160
.599	-6.144	.65939	.69514	.59765	.52777	.11506	.93217	.88975	.89208	.80080	.46379
.600	-5.169	.68716	.72335	.62726	.55905	.14704	.91710	.89232	.89344	.77987	.44002
.600	-4.196	.70820	.74470	.64954	.58238	.17229	.89517	.89030	.89051	.75205	.40948
.600	-3.224	.73147	.76804	.67474	.60600	.20012	.87769	.89238	.89182	.72835	.38316
.601	-2.256	.75461	.79096	.69995	.63183	.22898	.85823	.89190	.89073	.70397	.35623
.600	-1.286	.77621	.81206	.72348	.65612	.25391	.89256	.89256	.89112	.67892	.32842
.600	-.291	.79773	.83258	.74733	.68055	.28217	.81713	.89363	.89226	.65253	.29981
.600	.705	.81932	.85343	.77103	.70492	.30997	.79650	.89385	.89279	.62622	.27145
	GRADIENT	.02264	.02212	.02476	.02511	.02799	-.02029	.00065	.00038	-.02573	-.02825

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(RCMO42) (03 OCT 91)

PARAMETRIC DATA

BETA = -4.000 PHI = 180.000

RUN NO. 1458/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPC4	CPC5	CPC6	CPO2
.800	-7.105	.72015	.75445	.65293	.58257	.15162	1.02107	1.04689	.55522
.800	-6.098	.74488	.77918	.67957	.61019	.18125	1.00379	1.04802	.52760
.800	-5.112	.76889	.80354	.70563	.63681	.20973	.98702	1.04832	.50136
.800	-4.133	.79172	.82688	.73031	.66225	.23774	.96956	1.04870	.47366
.800	-3.157	.81401	.84982	.75551	.68656	.26574	.95179	1.04844	.44674
.800	-2.183	.83561	.87165	.77948	.71069	.29323	.93345	1.04830	.41889
.800	-1.206	.85631	.89293	.80292	.73499	.32131	.91375	1.04767	.39130
.800	-.203	.87720	.91377	.82612	.75956	.34923	.89333	1.04703	.36259
.800	.788	.89653	.93277	.84820	.78221	.37731	.87155	1.04568	.33342
	GRADIENT	.02132	.02156	.02394	.02448	.02835	-.01990	-.00058	-.02849

RUN NO. 1491/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPC4	CPC5	CPC6	CPO2
.900	-7.109	.78373	.81619	.71677	.64580	.22366	1.07085	1.07520	.61223
.899	-6.098	.80641	.83977	.74184	.67142	.25039	1.05418	1.07587	.58589
.900	-5.117	.82998	.86407	.76766	.69997	.27912	1.03905	1.07723	.56172
.900	-4.137	.85153	.88616	.79101	.72399	.30544	1.02182	1.07728	.53434
.900	-3.162	.87258	.90771	.81447	.74618	.33354	1.00502	1.07742	.50819
.901	-2.191	.89348	.92900	.83823	.77002	.36090	.98747	1.07842	.48229
.900	-1.210	.91297	.94878	.86044	.79330	.38560	.96804	1.07758	.45508
.900	-.216	.93265	.96873	.88275	.81652	.41358	.94866	1.07740	.42778
.900	.781	.95137	.98741	.90391	.83877	.44003	.92790	1.07636	.39886
	GRADIENT	.02031	.02061	.02300	.02349	.02725	-.01913	-.00016	-.02749

RUN NO. 1475/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPC4	CPC5	CPC6	CPO2
1.100	-7.044	.93993	.96913	.87730	.81242	.43117	1.19725	1.27642	.77597
1.100	-6.022	.96089	.99167	.90124	.83674	.45656	1.18317	1.27695	.75232
1.100	-5.034	.98123	1.01279	.92379	.86019	.48044	1.16783	1.27719	.72826
1.100	-4.040	1.00049	1.03304	.94504	.88250	.50374	1.15190	1.27536	.70363
1.100	-3.053	1.01989	1.05274	.96656	.90293	.52722	1.13577	1.27461	.67931
1.100	-2.063	1.03891	1.07228	.98805	.92562	.55136	1.11948	1.27374	.65510
1.100	-1.075	1.05745	1.09101	1.00924	.94689	.57589	1.10278	1.27297	.63095
1.100	-.072	1.07522	1.10888	1.02931	.96746	.59969	1.08442	1.27136	.60528
1.100	.919	1.09257	1.12657	1.04928	.98820	.62388	1.06693	1.26915	.58106
	GRADIENT	.01857	.01885	.02104	.02140	.02426	-.01715	-.00120	-.02474

(RCMO42) (03 OCT 91)

IA310 (AEDC 16TF-783) PROBE CALIBRATION

PARAMETRIC DATA

BETA = -4.000 PHI = 180.000

RUN NO. 1515/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPC01	CPU	CPC4	CPC5	CPC6	CPC02
1.250	-7.088	1.00763	1.04195	.94652	.87938	.49655	1.27421	1.34039	1.35739	1.15118	.84048
1.250	-6.074	1.02794	1.06364	.96977	.90327	.52071	1.25865	1.33891	1.35615	1.12999	.81682
1.250	-5.081	1.04844	1.08512	.99202	.92684	.54492	1.24317	1.33919	1.35671	1.10903	.79306
1.250	-4.102	1.06808	1.10540	1.01383	.94900	.56850	1.22560	1.33915	1.35700	1.08749	.76863
1.250	-3.123	1.08732	1.12506	1.03547	.96968	.59159	1.20861	1.33770	1.35614	1.06678	.74578
1.250	-2.146	1.10532	1.14301	1.05601	.99115	.61445	1.19146	1.33769	1.35681	1.04507	.72223
1.250	-1.160	1.12380	1.16238	1.07731	1.01284	.63896	1.17413	1.33632	1.35632	1.02253	.69864
1.251	-.168	1.14252	1.18085	1.09801	1.03422	.66278	1.15674	1.33532	1.35619	1.00020	.67472
1.252	.828	1.16127	1.19914	1.11847	1.05548	.68706	1.13846	1.33688	1.35872	.97678	.65023
GRADIENT		.01884	.01900	.02122	.02167	.02408	-.01764	-.00057	.00024	-.02249	-.02402

RUN NO. 1531/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPC01	CPU	CPC4	CPC5	CPC6	CPC02
1.400	-7.077	1.01651	1.06713	.96324	.89492	.51077	1.31138	1.37558	1.39093	1.17919	.86215
1.400	-6.066	1.03736	1.08978	.98689	.91850	.53338	1.29293	1.37524	1.39150	1.15636	.83686
1.400	-5.077	1.05753	1.11178	1.01022	.94203	.55720	1.27292	1.37526	1.39068	1.13380	.81173
1.400	-4.093	1.07842	1.13359	1.03330	.96444	.58066	1.25376	1.37496	1.39069	1.11132	.78754
1.400	-3.113	1.09861	1.15372	1.05547	.98758	.60389	1.23449	1.37395	1.39015	1.08760	.76278
1.400	-2.131	1.11867	1.17357	1.07714	1.00903	.62659	1.21502	1.37311	1.38996	1.06385	.73817
1.400	-1.150	1.13908	1.19470	1.10025	1.03213	.65075	1.19591	1.37200	1.38965	1.04043	.71430
1.400	-.152	1.15890	1.21429	1.12190	1.05407	.67476	1.17488	1.37109	1.38973	1.01582	.68919
1.400	.841	1.17877	1.23359	1.14332	1.07617	.69964	1.15501	1.36903	1.38882	.99193	.66517
GRADIENT		.02036	.02035	.02237	.02262	.02408	-.02003	-.00114	-.00032	-.02420	-.02480

RUN NO. 1549/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPC01	CPU	CPC4	CPC5	CPC6	CPC02
1.450	-7.130	1.00208	1.06741	.96052	.89328	.51208	1.31219	1.38701	1.39733	1.18138	.86759
1.450	-6.125	1.02217	1.08983	.98445	.91747	.53386	1.29194	1.38675	1.39707	1.15929	.84369
1.451	-5.143	1.04242	1.11267	1.00869	.94140	.55723	1.27104	1.38717	1.39764	1.13714	.81942
1.450	-4.169	1.06249	1.13338	1.03154	.96381	.57995	1.24839	1.38642	1.39728	1.11289	.79365
1.449	-3.200	1.08344	1.15465	1.05475	.98693	.60312	1.22873	1.38549	1.39711	1.08977	.76980
1.450	-2.233	1.10323	1.17495	1.07638	1.00852	.62575	1.20840	1.38353	1.39572	1.06577	.74504
1.450	-1.257	1.12496	1.19681	1.09988	1.03238	.65121	1.18867	1.38345	1.39668	1.04178	.72122
1.451	-.263	1.14655	1.21851	1.12393	1.05690	.67757	1.16744	1.38131	1.39556	1.01725	.69702
1.451	.730	1.16675	1.23748	1.14546	1.07847	.70184	1.14576	1.38039	1.39563	.99186	.67202
GRADIENT		.02136	.02141	.02335	.02354	.02504	-.02091	-.00125	-.00035	-.02470	-.02480

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(RCMO42) (03 OCT 91)

PARAMETRIC DATA

BETA = -4.000 PHI = 180.000

RUN NO. 1633/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPC4	CPC5	CPC6	CPC7
1.469	-7.127	.96530	1.04747	.94032	.87414	.49457	1.28253	1.21147	1.16013
1.470	-6.117	.98562	1.07100	.96520	.89859	.51812	1.26012	1.21416	1.13730
1.470	-5.134	1.00442	1.09239	.98833	.92168	.54032	1.23743	1.21543	1.11314
1.470	-4.160	1.02638	1.11643	1.01314	.94599	.56377	1.21756	1.21707	1.09195
1.469	-3.186	1.04490	1.13666	1.03558	.96826	.58502	1.19292	1.21729	1.06734
1.470	-2.213	1.06567	1.15754	1.05886	.99140	.60809	1.17167	1.21869	1.04400
1.469	-1.239	1.08665	1.17791	1.08103	1.01381	.63162	1.14992	1.21848	1.01965
1.470	-.244	1.10815	1.19874	1.10315	1.03636	.65637	1.12968	1.21956	.99594
1.469	.755	1.12820	1.21670	1.12359	1.05702	.67968	1.10785	1.21870	.96926
GRADIENT		.02094	.02059	.02260	.02274	.02377	-.02211	.00043	-.02479

RUN NO. 1584/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPC4	CPC5	CPC6	CPC7
1.491	-7.114	.92165	1.04144	.93452	.86974	.49479	1.25067	1.28762	1.15206
1.492	-6.115	.93249	1.06243	.95620	.89151	.51525	1.22171	1.28726	1.12762
1.492	-5.125	.94821	1.08677	.98246	.91610	.53808	1.19381	1.28321	1.10587
1.491	-4.150	.96163	1.10898	1.00584	.93954	.56041	1.16510	1.28314	1.08265
1.491	-3.172	.97349	1.12955	1.02812	.96221	.58307	1.13343	1.28414	1.05879
1.492	-2.203	.98927	1.15050	1.05106	.98565	.60690	1.10561	1.28567	1.03514
1.491	-1.228	1.00767	1.17036	1.07280	1.00769	.63050	1.07960	1.28588	1.01110
1.491	-.228	1.02898	1.19045	1.09505	1.02988	.65507	1.05487	1.28634	.98628
1.491	.768	1.05387	1.21043	1.11711	1.05210	.68000	1.03396	1.28654	.96122
GRADIENT		.01879	.02063	.02264	.02290	.02435	-.02666	.00069	-.02417

RUN NO. 1600/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPC4	CPC5	CPC6	CPC7
1.517	-7.115	.81863	1.04568	.93760	.87412	.49746	1.18592	1.36095	1.15966
1.517	-6.108	.80159	1.06611	.95893	.89471	.51835	1.12811	1.35634	1.13305
1.517	-5.125	.80110	1.09216	.98463	.91982	.54227	1.08131	1.35632	1.11097
1.517	-4.151	.80797	1.11441	1.00683	.94196	.56372	1.03868	1.35489	1.08643
1.517	-3.176	.81773	1.13597	1.02924	.96433	.58701	.99912	1.35312	1.06340
1.517	-2.202	.81924	1.15524	1.05078	.98583	.60925	.95322	1.35091	1.03835
1.516	-1.223	.83973	1.17617	1.07431	1.00978	.63324	.91937	1.34797	1.01411
1.517	-.228	.86375	1.19660	1.09750	1.03297	.65736	.89107	1.35076	.98872
1.516	.769	.89363	1.21577	1.12010	1.05556	.68084	.86712	1.35261	.96309
GRADIENT		.01708	.02061	.02308	.02318	.02384	-.03530	.00062	-.02513

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(RCMO42) (03 OCT 91)

PARAMETRIC DATA

BETA = -4.000 PHI = 180.000

RUN NO. 1615/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.541	-7.114	.62315	1.05240	.93589	.87220	.49685	.99523	1.26896	1.32460	1.15626	.84845
1.541	-6.114	.62743	1.07929	.96130	.89545	.52071	.93912	1.26955	1.32418	1.13211	.82353
1.540	-5.124	.64949	1.10517	.98544	.91743	.54407	.90072	1.26956	1.32348	1.10586	.79667
1.541	-4.146	.67697	1.13073	1.01061	.94123	.56725	.87120	1.27019	1.32343	1.08210	.77279
1.541	-3.176	.70179	1.15438	1.03341	.96315	.58895	.84777	1.27003	1.32284	1.05758	.74830
1.541	-2.201	.73274	1.17821	1.05556	.98545	.61142	.83067	1.27014	1.32253	1.03342	.72461
1.541	-1.228	.77534	1.20391	1.07805	1.00814	.63429	.82786	1.27021	1.32227	1.00953	.70170
1.541	-.228	.82654	1.23369	1.10026	1.03125	.65773	.83702	1.26951	1.32122	.98393	.67730
1.541	.767	.84254	1.25442	1.12057	1.05345	.68152	.81199	1.26923	1.32071	.95864	.65332
GRADIENT		.03621	.02566	.02247	.02292	.02328	-.00961	-.00018	-.00054	-.02507	-.02424

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(RCMO43) (03 OCT 91)

PARAMETRIC DATA

BETA = -3.000 PHI = 180.000

RUN NO. 1569/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
.600	-7.115	.64814	.68366	.58030	.50986	.09685	.95988	.89285	.89220	.82651	.49744
.600	-6.613	.65972	.69555	.59303	.52278	.11015	.94979	.89270	.89042	.81362	.48257
.600	-6.121	.67586	.71215	.60990	.53988	.12723	.94447	.89681	.89343	.80468	.47119
.600	-5.631	.68703	.72379	.62243	.55279	.13985	.93448	.89620	.89151	.79200	.45670
.599	-5.136	.69853	.73504	.63409	.56440	.15172	.92524	.89737	.89142	.77928	.44220
.600	-4.649	.71149	.74794	.64796	.57710	.16711	.91717	.89948	.89240	.76798	.42960
.600	-4.162	.72295	.75969	.66068	.58985	.18066	.90769	.89867	.89099	.75619	.41630
.599	-3.679	.73441	.77102	.67321	.60299	.19330	.89849	.90129	.89251	.74439	.40195
.600	-3.193	.74709	.78390	.68693	.61699	.20818	.89061	.90316	.89302	.73385	.39010
.600	-2.714	.75706	.79393	.69786	.62822	.21961	.87988	.90268	.89299	.71981	.37436
.600	-2.236	.76842	.80460	.71013	.64105	.23438	.87004	.90161	.89154	.70772	.36175
.600	-1.754	.77995	.81577	.72304	.65447	.24866	.86020	.90353	.89325	.69519	.34747
.600	-1.276	.79115	.82652	.73564	.66733	.26263	.85144	.90325	.89281	.68407	.33477
.599	-.790	.79978	.83466	.74537	.67698	.27367	.83844	.90244	.89197	.66765	.31722
.601	-.308	.81223	.84663	.75892	.69094	.29069	.83100	.90284	.89254	.65769	.30780
.600	.204	.82186	.85677	.77013	.70252	.30328	.81923	.90260	.89251	.64315	.29140
.600	.715	.83095	.86566	.78069	.71339	.31664	.80797	.90193	.89218	.62868	.27678
GRADIENT		.02253	.02206	.02497	.02566	.02812	-.02038	.00056	.00005	-.02601	-.02856

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(RCM043) (03 OCT 91)

PARAMETRIC DATA

BETA = -3.000 PHI = 180.000

RUN NO. 1459/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPC01	CPU	CPC4	CPC5	CPC6	CP02
.800	-7.080	.73324	.76725	.66238	.59052	.15791	1.03040	1.04184	1.06245	.89674	.55975
.800	-6.581	.74535	.78035	.67516	.60435	.17195	1.02214	1.04212	1.06238	.88502	.54598
.800	-6.086	.75750	.79303	.68848	.61805	.18702	1.01336	1.04286	1.06280	.87360	.53297
.800	-5.589	.77021	.80591	.70215	.63201	.20120	1.00607	1.04357	1.06331	.86273	.51957
.800	-5.093	.78201	.81718	.71490	.64479	.21519	.99720	1.04376	1.06350	.85102	.50639
.800	-4.602	.79381	.82971	.72834	.65765	.23039	.98866	1.04398	1.06366	.83963	.49274
.800	-4.115	.80482	.84062	.74024	.66926	.24387	.97992	1.04347	1.06333	.82826	.47933
.800	-3.628	.81603	.85225	.75311	.68152	.25816	.97136	1.04405	1.06417	.81727	.46633
.800	-3.141	.82670	.86329	.76507	.69370	.27136	.96201	1.04341	1.06387	.80487	.45192
.800	-2.652	.83764	.87438	.77727	.70681	.28516	.95269	1.04329	1.06413	.79280	.43782
.800	-2.172	.84800	.88499	.78940	.71952	.29915	.94335	1.04293	1.06428	.78052	.42384
.800	-1.683	.85913	.89592	.80173	.73238	.31318	.93407	1.04265	1.06455	.76836	.40984
.800	-1.198	.86886	.90564	.81302	.74421	.32687	.92399	1.04155	1.06409	.75559	.39583
.800	-.709	.87922	.91583	.82435	.75603	.34075	.91429	1.04070	1.06410	.74260	.38207
.800	-.223	.88854	.92540	.83509	.76765	.35385	.90460	1.04014	1.06441	.72990	.36862
.800	.286	.89942	.93639	.84734	.77998	.36865	.89460	1.03980	1.06510	.71636	.35384
.800	.796	.90891	.94574	.85796	.79078	.38236	.88378	1.03809	1.06456	.70265	.33898
GRADIENT		.02140	.02158	.02416	.02503	.02825	-.01947	-.00103	.00021	-.02546	-.02856

RUN NO. 1492/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPC01	CPU	CPC4	CPC5	CPC6	CP02
.900	-7.086	.79579	.82863	.72578	.65539	.23154	1.07977	1.07304	1.08620	.94814	.61711
.899	-6.578	.80694	.84077	.73786	.66772	.24438	1.07104	1.07439	1.08691	.93632	.60349
.900	-6.086	.81876	.85336	.75087	.68100	.25832	1.06412	1.07499	1.08695	.92634	.59159
.900	-5.594	.83045	.86527	.76355	.69467	.27264	1.05582	1.07577	1.08737	.91523	.57858
.900	-5.099	.84125	.87624	.77578	.70655	.28520	1.04718	1.07641	1.08747	.90355	.56443
.900	-4.605	.85267	.88813	.78831	.71865	.29944	1.03903	1.07639	1.08727	.89293	.55170
.900	-4.123	.86374	.89899	.80025	.73066	.31268	1.03108	1.07740	1.08819	.88217	.53850
.900	-3.634	.87349	.90942	.81134	.74134	.32498	1.02230	1.07738	1.08810	.87079	.52528
.900	-3.146	.88454	.92080	.82380	.75426	.33897	1.01441	1.07811	1.08884	.85991	.51276
.900	-2.659	.89406	.93042	.83505	.76614	.35195	1.00496	1.07724	1.08819	.84791	.49928
.900	-2.174	.90412	.94037	.84674	.77839	.36535	.99546	1.07710	1.08823	.83582	.48551
.900	-1.693	.91465	.95065	.85846	.79044	.37903	.98645	1.07687	1.08842	.82387	.47249
.900	-1.209	.92449	.96090	.86969	.80202	.39241	.97781	1.07678	1.08871	.81227	.45964
.900	-.721	.93410	.97052	.88065	.81343	.40546	.96791	1.07620	1.08868	.79944	.44545
.900	-.237	.94342	.98013	.89128	.82478	.41818	.95880	1.07567	1.08867	.78751	.43246
.900	.275	.95235	.98913	.90144	.83513	.43101	.94789	1.07466	1.08848	.77376	.41735
.900	.785	.96207	.99858	.91235	.84616	.44483	.93821	1.07387	1.08854	.76123	.40365
GRADIENT		.02034	.02056	.02316	.02394	.02710	-.01881	-.00054	.00015	-.02456	-.02748

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(RCM043) (03 OCT 91)

PARAMETRIC DATA

BETA = -3.000 PHI = 180.000

RUN NO. 1476/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.100	-7.037	.95040	.98010	.88507	.81935	.43524	1.20550	1.26200	1.29439	1.08316	.78009
1.100	-6.520	.96046	.99171	.89654	.83104	.44765	1.19795	1.26227	1.29485	1.07267	.76775
1.100	-6.029	.97067	1.00254	.90794	.84283	.45988	1.19087	1.26241	1.29522	1.06281	.75612
1.100	-5.526	.98112	1.01327	.91966	.85463	.47213	1.18334	1.26273	1.29587	1.05283	.74391
1.100	-5.034	.99065	1.02345	.93088	.86572	.48390	1.17516	1.26186	1.29531	1.04224	.73125
1.102	-4.532	1.00229	1.03547	.94345	.87758	.49723	1.16955	1.26684	1.30150	1.03349	.72080
1.101	-4.038	1.01073	1.04402	.95284	.88748	.50806	1.16081	1.26492	1.29994	1.02235	.70798
1.100	-3.545	1.02027	1.05397	.96352	.89825	.51926	1.15258	1.26197	1.29754	1.01172	.69554
1.100	-3.037	1.02940	1.06352	.97401	.90934	.53099	1.14390	1.25950	1.29555	1.00031	.68305
1.100	-2.557	1.03925	1.07320	.98509	.92116	.54341	1.13598	1.25777	1.29434	.98979	.67148
1.100	-2.062	1.04928	1.08285	.99624	.93283	.55592	1.12789	1.25714	1.29443	.97872	.65903
1.100	-1.566	1.05818	1.09198	1.00685	.94305	.56794	1.11916	1.25615	1.29415	.96758	.64664
1.099	-1.079	1.06679	1.10039	1.01640	.95324	.57951	1.11036	1.24703	1.29240	.95592	.63394
1.100	-.581	1.07640	1.11055	1.02748	.98451	.59247	1.10237	1.24691	1.29294	.94515	.62192
1.100	-.094	1.08453	1.11911	1.03683	.97422	.60364	1.09351	1.24554	1.29252	.93403	.60962
1.100	.416	1.09417	1.12852	1.04756	.98537	.61651	1.08538	1.24517	1.29298	.92300	.59766
1.100	.920	1.10226	1.13701	1.05693	.99516	.62828	1.07607	1.24335	1.29202	.91085	.58482
	GRADIENT	.01857	.01880	.02111	.02184	.02429	-.01707	-.00457	-.00156	-.02245	-.02489

RUN NO. 1516/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.250	-7.066	1.01679	1.05207	.95344	.88608	.50064	1.28088	1.32667	1.35338	1.15176	.84359
1.251	-6.560	1.02893	1.06520	.96655	.89939	.51395	1.27531	1.32831	1.35502	1.14233	.83281
1.250	-6.061	1.03763	1.07467	.97679	.90982	.52470	1.26594	1.32840	1.35525	1.13012	.81926
1.250	-5.570	1.04758	1.08534	.98847	.92130	.53709	1.25773	1.32666	1.35372	1.11983	.80712
1.250	-5.073	1.05837	1.09636	.99987	.93243	.54918	1.25055	1.32610	1.35335	1.11011	.79565
1.250	-4.583	1.06833	1.10674	1.01104	.94368	.56146	1.24106	1.32668	1.35416	1.09931	.78334
1.250	-4.095	1.07702	1.11562	1.02117	.95373	.57237	1.23192	1.32470	1.35247	1.08889	.77143
1.250	-3.601	1.08715	1.12564	1.03250	.96568	.58466	1.22426	1.32568	1.35395	1.07858	.76007
1.250	-3.110	1.09594	1.13449	1.04290	.97701	.59578	1.21569	1.32378	1.35250	1.06791	.74872
1.250	-2.627	1.10617	1.14412	1.05418	.98792	.60803	1.20782	1.32307	1.35228	1.05728	.73695
1.250	-2.138	1.11569	1.15435	1.06518	.99937	.62023	1.19974	1.32348	1.35248	1.04683	.72593
1.250	-1.654	1.12432	1.16289	1.07465	1.00904	.63118	1.19065	1.32121	1.35189	1.03474	.71330
1.250	-1.167	1.13404	1.17284	1.08566	1.02019	.64367	1.18283	1.32072	1.35201	1.02440	.70230
1.250	-.673	1.14289	1.18189	1.09579	1.03062	.65553	1.17380	1.31961	1.35181	1.01275	.69009
1.250	-.189	1.15192	1.19108	1.10590	1.04116	.66721	1.16558	1.31890	1.35199	1.00204	.67886
1.250	.322	1.16053	1.19967	1.11582	1.05145	.67874	1.15578	1.31646	1.35143	.98947	.66607
1.250	.832	1.16912	1.20842	1.12569	1.06156	.69034	1.14637	1.31472	1.35057	.97787	.65347
	GRADIENT	.01883	.01900	.02136	.02195	.02402	-.01734	-.00202	-.00049	-.02248	-.02392

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(RCM043) (03 OCT 91)

PARAMETRIC DATA

BETA = -3.000 PHI = 180.000

RUN NO. 1532/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.400	-7.064	1.02618	1.07846	.97063	.90154	.51505	1.31817	1.36406	1.38831	1.17966	.86545
1.400	-6.554	1.03565	1.08978	.98213	.91286	.52591	1.30829	1.36299	1.38711	1.16770	.85200
1.400	-6.059	1.04600	1.10110	.99420	.92427	.53684	1.29931	1.36333	1.38727	1.15698	.83984
1.400	-5.563	1.05614	1.11230	1.00631	.93587	.54883	1.28936	1.36299	1.38696	1.14566	.82750
1.400	-5.068	1.06713	1.12346	1.01810	.94822	.56101	1.27979	1.36335	1.38741	1.13442	.81495
1.400	-4.578	1.07665	1.13339	1.02936	.95915	.57226	1.26943	1.36166	1.38576	1.12240	.80236
1.400	-4.085	1.08759	1.14399	1.04094	.97135	.58433	1.26101	1.36214	1.38661	1.11158	.79045
1.399	-3.594	1.09759	1.15365	1.05189	.98257	.59562	1.25152	1.36240	1.38710	1.09978	.77808
1.400	-3.103	1.10761	1.16341	1.06273	.99351	.60713	1.24113	1.36083	1.38589	1.08748	.76525
1.400	-2.616	1.11866	1.17479	1.07509	1.00583	.61957	1.23272	1.36034	1.38586	1.07700	.75410
1.400	-2.126	1.12840	1.18429	1.08574	1.01670	.63103	1.22228	1.35989	1.38585	1.06471	.74127
1.399	-1.639	1.13771	1.19439	1.09653	1.02744	.64183	1.21191	1.35825	1.38485	1.05223	.72843
1.399	-1.150	1.14814	1.20460	1.10787	1.03867	.65418	1.20329	1.35804	1.38523	1.04086	.71681
1.400	-.660	1.15856	1.21529	1.11957	1.05072	.66727	1.19351	1.35732	1.38526	1.02973	.70535
1.400	-.174	1.16774	1.22436	1.12971	1.06118	.67868	1.18336	1.35613	1.38488	1.01717	.69327
1.400	.336	1.17757	1.23406	1.14061	1.07225	.69111	1.17328	1.35490	1.38459	1.00462	.68065
1.400	.843	1.18717	1.24362	1.15133	1.08364	.70408	1.16339	1.35318	1.38387	.99275	.66853
GRADIENT		.02043	.02048	.02262	.02395	.02426	-.01972	-.00163	-.00043	-.02404	-.02476

RUN NO. 1550/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.449	-7.106	1.00982	1.07836	.96855	.89948	.51556	1.31762	1.37334	1.39340	1.18210	.87098
1.450	-6.598	1.02049	1.08996	.98103	.91134	.52658	1.30737	1.37399	1.39400	1.17073	.85855
1.450	-6.106	1.03091	1.10210	.99322	.92262	.53762	1.29804	1.37307	1.39310	1.16042	.84685
1.449	-5.614	1.04106	1.11346	1.00500	.93546	.54900	1.28728	1.37399	1.39407	1.14885	.83425
1.450	-5.123	1.05056	1.12327	1.01620	.94737	.56033	1.27482	1.37315	1.39325	1.13578	.82086
1.449	-4.630	1.06019	1.13300	1.02764	.95849	.57135	1.26426	1.37202	1.39229	1.12402	.80827
1.450	-4.150	1.07082	1.14389	1.03952	.97027	.58364	1.25498	1.37233	1.39288	1.11257	.79636
1.450	-3.665	1.08199	1.15504	1.05135	.98181	.59538	1.24658	1.37161	1.39250	1.10171	.78474
1.450	-3.178	1.09241	1.16586	1.06282	.99314	.60710	1.23644	1.37224	1.39346	1.08999	.77244
1.450	-2.698	1.10127	1.17563	1.07338	1.00376	.61812	1.22463	1.36977	1.39140	1.07774	.75968
1.450	-2.219	1.11289	1.18786	1.08655	1.01681	.63121	1.21535	1.37010	1.39240	1.06707	.74884
1.450	-1.734	1.12206	1.19764	1.09697	1.02784	.64245	1.20392	1.36816	1.39116	1.05399	.73567
1.450	-1.255	1.13270	1.20851	1.10921	1.04042	.65556	1.19456	1.36788	1.39157	1.04304	.72451
1.450	-.772	1.14294	1.21871	1.12059	1.05217	.66835	1.18422	1.36770	1.39121	1.03016	.71208
1.450	-.288	1.15205	1.22743	1.13050	1.06238	.67967	1.17315	1.36540	1.39086	1.01702	.69951
1.451	.225	1.16390	1.23923	1.14338	1.07538	.69406	1.16357	1.36492	1.39138	1.00538	.68813
1.450	.732	1.17332	1.24725	1.15270	1.08471	.70515	1.15235	1.36321	1.39055	.99146	.67414
GRADIENT		.02109	.02156	.02356	.02386	.02510	-.02110	-.00171	-.00037	-.02472	-.02497

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(RCMO43) (03 OCT 91)

PARAMETRIC DATA

BETA = -3.000 PHI = 180.000

RUN NO. 1634/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPC1	CPU	CPC4	CPC5	CPC6	CPO2
1.469	-7.100	.97490	1.06052	.94971	.88211	.50076	1.28808	1.21949	1.21337	1.16168	.85350
1.469	-6.593	.98434	1.07194	.96188	.89388	.51189	1.27677	1.22119	1.21342	1.14969	.84153
1.470	-6.099	.99369	1.08318	.97402	.90543	.52297	1.26570	1.22294	1.21365	1.13733	.82889
1.469	-5.607	1.00208	1.09269	.98441	.91587	.53280	1.25382	1.22348	1.21277	1.12386	.81489
1.469	-5.111	1.01349	1.10469	.99705	.92826	.54441	1.24391	1.22519	1.21320	1.11278	.80293
1.469	-4.624	1.02343	1.11621	1.00918	.94026	.55563	1.23208	1.22629	1.21306	1.10095	.79080
1.470	-4.135	1.03417	1.12724	1.02135	.95239	.56750	1.22074	1.22790	1.21355	1.09077	.77945
1.470	-3.649	1.04418	1.13808	1.03363	.96468	.57887	1.20979	1.22858	1.21325	1.07957	.76756
1.469	-3.165	1.05374	1.14703	1.04379	.97515	.58923	1.19848	1.22819	1.21194	1.06716	.75517
1.469	-2.682	1.06361	1.15740	1.05525	.98672	.60082	1.18793	1.22889	1.21184	1.05581	.74342
1.469	-2.199	1.07454	1.16880	1.06710	.99842	.61243	1.17769	1.23008	1.21237	1.04383	.73106
1.469	-1.719	1.08553	1.17885	1.07816	1.00950	.62395	1.16845	1.23025	1.21188	1.03230	.71911
1.469	-1.235	1.09561	1.18867	1.08889	1.02019	.63553	1.15807	1.23019	1.21126	1.02029	.70649
1.470	-.749	1.10687	1.19930	1.10017	1.03213	.64832	1.14821	1.23100	1.21166	1.00877	.69458
1.471	-.267	1.11804	1.20969	1.11192	1.04420	.66146	1.13934	1.23201	1.21224	.99839	.68421
1.469	.244	1.12678	1.21847	1.12193	1.05466	.67341	1.12703	1.23139	1.21130	.98471	.67086
1.469	.756	1.13789	1.22811	1.13254	1.06564	.68589	1.11712	1.23146	1.21119	.97177	.65940
	GRADIENT	.02143	.02097	.02302	.02337	.02426	-.02121	.00093	-.00037	-.02410	-.02466

RUN NO. 1585/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPC1	CPU	CPC4	CPC5	CPC6	CPO2
1.491	-7.089	.92496	1.05236	.94249	.87558	.49973	1.25199	1.28586	1.37281	1.15163	.84680
1.491	-6.585	.93166	1.06470	.95510	.88728	.51056	1.23921	1.28677	1.37280	1.14106	.83538
1.492	-6.093	.93826	1.07518	.96587	.89837	.51985	1.22362	1.28703	1.37219	1.12864	.82198
1.491	-5.601	.94473	1.08696	.97889	.91133	.53058	1.21037	1.28735	1.37183	1.11819	.81057
1.491	-5.108	.94993	1.09822	.99075	.92284	.54148	1.19493	1.28872	1.37257	1.10634	.79847
1.491	-4.614	.95490	1.10927	1.00187	.93387	.55229	1.17788	1.28848	1.37176	1.09378	.78577
1.492	-4.132	.95813	1.12095	1.01388	.94589	.56372	1.16093	1.28912	1.37195	1.08295	.77472
1.491	-3.646	.96462	1.13108	1.02481	.95713	.57502	1.14538	1.28998	1.37248	1.07011	.76239
1.491	-3.156	.97110	1.14165	1.03587	.96861	.58645	1.12974	1.28840	1.37059	1.05742	.75016
1.491	-2.672	.97831	1.15253	1.04732	.98020	.59829	1.11607	1.28980	1.37188	1.04611	.73868
1.491	-2.191	.98539	1.16302	1.05887	.99188	.61038	1.10077	1.28998	1.37198	1.03439	.72729
1.491	-1.708	.99233	1.17236	1.06948	1.00275	.62231	1.08564	1.28916	1.37109	1.02226	.71518
1.492	-1.224	.99949	1.18192	1.08037	1.01382	.63455	1.07075	1.28950	1.37153	1.01082	.70362
1.491	-.736	1.00897	1.19120	1.09100	1.02435	.64665	1.05728	1.28965	1.37189	.99861	.69165
1.491	-.252	1.01782	1.19988	1.10093	1.03436	.65836	1.04362	1.28844	1.37090	.98648	.67996
1.491	.260	1.03030	1.20934	1.11158	1.04521	.66999	1.03238	1.28756	1.37040	.97356	.66709
1.491	.772	1.04497	1.21939	1.12278	1.05645	.68222	1.02371	1.28739	1.37067	.96150	.65504
	GRADIENT	.01631	.02032	.02243	.02276	.02432	-.02924	-.00023	-.00023	-.02465	-.02434

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(RCMO43) (03 OCT 91)

PARAMETRIC DATA

BETA = -3.000 PHI = 180.000

RUN NO. 1601/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPC4	CPC5	CPC6	CPO2
1.516	-7.094	.80489	1.05613	.94567	.87959	.50181	1.17452	1.34616	1.37130
1.516	-6.586	.79870	1.06832	.95775	.89180	.51346	1.14723	1.34689	1.37171
1.516	-6.094	.79151	1.07912	.96862	.90264	.52409	1.11797	1.34593	1.37049
1.517	-5.600	.79135	1.09114	.98028	.91395	.53527	1.09333	1.34372	1.36806
1.517	-5.109	.79835	1.10565	.99369	.92713	.54753	1.07493	1.34305	1.36739
1.517	-4.619	.79886	1.11736	1.00459	.93791	.55779	1.05013	1.34283	1.36716
1.517	-4.132	.80050	1.12887	1.01565	.94891	.56835	1.02821	1.34321	1.36768
1.517	-3.646	.79822	1.13994	1.02644	.95972	.57933	1.00495	1.34441	1.36913
1.516	-3.155	.80353	1.15045	1.03742	.97077	.59077	.98621	1.34501	1.36997
1.516	-2.672	.80458	1.16109	1.04844	.98176	.60232	.96154	1.34595	1.37124
1.517	-2.189	.81111	1.17202	1.06027	.99345	.61415	.94147	1.34650	1.37219
1.517	-1.706	.81856	1.18157	1.07034	1.00386	.62501	.92172	1.34362	1.36973
1.516	-1.222	.82790	1.19093	1.08138	1.01486	.63631	.90438	1.34024	1.36690
1.517	-.736	.84017	1.20235	1.09421	1.02752	.64863	.88978	1.34017	1.36735
1.516	-.252	.85541	1.21095	1.10508	1.03843	.65985	.87941	1.33990	1.36784
1.517	.260	.86954	1.22123	1.11782	1.05111	.67282	.86600	1.34068	1.36939
1.517	.772	.88319	1.23029	1.12883	1.06194	.68481	.85394	1.34058	1.37021
	GRADIENT	.01586	.02099	.02315	.02314	.02368	-.03703	-.00088	.00008

RUN NO. 1616/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPC4	CPC5	CPC6	CPO2
1.541	-7.093	.61421	1.06121	.94626	.88052	.50132	.97834	1.27012	1.32027
1.541	-6.587	.61999	1.07168	.95805	.89129	.51280	.95350	1.27069	1.31948
1.541	-6.093	.63113	1.08404	.97186	.90397	.52581	.93456	1.27203	1.31981
1.541	-5.601	.64256	1.09383	.98342	.91463	.53779	.91608	1.27332	1.32009
1.541	-5.110	.65582	1.10511	.99677	.92713	.55002	.90055	1.27460	1.32055
1.542	-4.618	.67114	1.11422	1.00843	.93797	.56063	.88698	1.27549	1.32061
1.541	-4.127	.68615	1.12199	1.01970	.94860	.57083	.87471	1.27591	1.32040
1.541	-3.644	.70259	1.12755	1.03140	.95966	.58152	.86519	1.27661	1.32047
1.541	-3.155	.72376	1.13451	1.04351	.97126	.59295	.86119	1.27757	1.32085
1.541	-2.672	.75303	1.13270	1.05514	.98259	.60415	.86476	1.27852	1.32137
1.541	-2.187	.80163	1.11252	1.06844	.99503	.61594	.88789	1.27982	1.32219
1.541	-1.707	.83987	1.11075	1.07966	1.00555	.62646	.90543	1.27982	1.32162
1.541	-1.220	.86734	1.12676	1.09156	1.01740	.63812	.91441	1.28140	1.32261
1.541	-.734	.88760	1.14850	1.10355	1.02894	.64961	.91654	1.28203	1.32276
1.541	-.250	.90425	1.17529	1.11435	1.03963	.66066	.91654	1.28297	1.32319
1.541	.259	.91728	1.21119	1.12475	1.05079	.67244	.91151	1.28286	1.32289
1.541	.770	.92735	1.24886	1.13533	1.06212	.68479	.90350	1.28338	1.32341
	GRADIENT	.05381	.01922	.02397	.02329	.02316	.00940	.00161	.00061

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(RCMO44) (03 OCT 91)

PARAMETRIC DATA

BETA = -2.500 PHI = 180.000

RUN NO. 1570/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
.599	-7.098	.65298	.68742	.58405	.51311	.09947	.96136	.90228	.89151	.82554	.49734
.599	-6.592	.66805	.70239	.59964	.52876	.11393	.95572	.90593	.89385	.81607	.48500
.599	-6.103	.67808	.71413	.61139	.54000	.12695	.94460	.90463	.89125	.80227	.46975
.599	-5.605	.69229	.72924	.62633	.55447	.14097	.93799	.90744	.89275	.79194	.45679
.599	-5.117	.70424	.74174	.63916	.56686	.15526	.92781	.90772	.89209	.77919	.44281
.599	-4.631	.71858	.75623	.65395	.58250	.17052	.92172	.90976	.89341	.76962	.43112
.600	-4.147	.72760	.76539	.66450	.59443	.18237	.91036	.90923	.89202	.75624	.41640
.600	-3.656	.73996	.77777	.67774	.60737	.19673	.90217	.91037	.89265	.74513	.40369
.599	-3.174	.75173	.78974	.69042	.62044	.20972	.89272	.91158	.89311	.73253	.38923
.599	-2.697	.76230	.80008	.70229	.63284	.22299	.88271	.91130	.89250	.72020	.37558
.600	-2.219	.77478	.81175	.71560	.64645	.23702	.87444	.91322	.89410	.70913	.36269
.600	-1.743	.78487	.82020	.72696	.65829	.25135	.86349	.91182	.89337	.69572	.34897
.599	-1.267	.79583	.83111	.73932	.67073	.26407	.85483	.91258	.89337	.68406	.33520
.599	-.789	.80760	.84266	.75233	.68422	.27896	.84623	.91419	.89498	.67228	.32239
.600	-.311	.81521	.85035	.76149	.69322	.29088	.83442	.91199	.89314	.65836	.30864
.600	.200	.82569	.86049	.77293	.70546	.30436	.82340	.91169	.89319	.64401	.29325
.600	.717	.83518	.87033	.78403	.71646	.31806	.81239	.91093	.89290	.62974	.27826
GRADIENT		.02232	.02162	.02480	.02548	.02798	-.02019	.00044	.00013	-.02593	-.02843

RUN NO. 1460/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
.800	-7.069	.73876	.77207	.66625	.59420	.16108	1.03404	1.03394	1.06424	.89779	.56187
.800	-6.563	.75074	.78503	.67922	.60823	.17526	1.02538	1.03497	1.06472	.88575	.54767
.800	-6.066	.76264	.79842	.69256	.62149	.18931	1.01695	1.03599	1.06529	.87411	.53386
.800	-5.573	.77527	.81172	.70630	.63476	.20402	1.00868	1.03604	1.06504	.86319	.52060
.800	-5.085	.78722	.82388	.71924	.64796	.21804	1.00039	1.03657	1.06530	.85196	.50747
.800	-4.594	.79875	.83573	.73168	.66002	.23260	.99156	1.03653	1.06515	.84044	.49396
.800	-4.100	.81019	.84724	.74416	.67333	.24623	.98348	1.03700	1.06555	.82937	.48066
.800	-3.613	.82129	.85888	.75717	.68532	.26040	.97495	1.03725	1.06588	.81812	.46735
.800	-3.126	.83192	.86993	.76928	.69834	.27425	.96544	1.03669	1.06549	.80589	.45343
.800	-2.638	.84325	.88036	.78195	.71160	.28826	.95648	1.03656	1.06571	.79414	.43948
.800	-2.158	.85350	.89028	.79376	.72388	.30226	.94723	1.03633	1.06575	.78193	.42573
.800	-1.675	.86423	.90131	.80584	.73620	.31596	.93788	1.03576	1.06564	.76964	.41187
.800	-1.194	.87427	.91115	.81721	.74845	.32944	.92850	1.03530	1.06582	.75738	.39808
.800	-.709	.88415	.92126	.82815	.76019	.34291	.91879	1.03474	1.06605	.74462	.38419
.800	-.229	.89337	.93050	.83899	.77118	.35618	.90914	1.03379	1.06582	.73179	.37090
.800	.283	.90333	.94070	.85030	.78256	.37032	.89869	1.03277	1.06556	.71794	.35604
.800	.797	.91326	.95073	.86157	.79412	.38469	.88863	1.03191	1.06571	.70483	.34170
GRADIENT		.02129	.02130	.02418	.02505	.02828	-.01925	-.00091	.00006	-.02532	-.02839

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(RCM044) (03 OCT 91)

PARAMETRIC DATA

BETA = -2.500 PHI = 180.000

RUN NO. 1493/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPC1	CPU	CPC4	CPC5	CPC6	CP02
.900	-7.073	.80083	.83262	.72905	.65831	.23356	1.07095	1.07095	1.08821	.94890	.61870
.900	-6.565	.81224	.84544	.74201	.67155	.24733	1.07453	1.07221	1.08857	.93742	.60551
.899	-6.070	.82301	.85782	.75410	.68371	.25992	1.06639	1.07230	1.08835	.92614	.59171
.900	-5.578	.83514	.87070	.76730	.69686	.27461	1.05897	1.07351	1.08896	.91584	.57937
.900	-5.088	.84683	.88307	.78019	.71009	.28821	1.05104	1.07413	1.08919	.90532	.56664
.900	-4.596	.85726	.89357	.79136	.72060	.30076	1.04219	1.07391	1.08869	.89371	.55266
.900	-4.106	.86807	.90493	.80366	.73419	.31424	1.03426	1.07489	1.08947	.88315	.53967
.900	-3.618	.87876	.91596	.81579	.74583	.32797	1.02583	1.07511	1.08959	.87203	.52708
.900	-3.129	.88920	.92659	.82778	.75859	.34125	1.01765	1.07542	1.08995	.86069	.51388
.900	-2.645	.89946	.93537	.83969	.77081	.35503	1.00835	1.07514	1.08963	.84872	.50032
.900	-2.163	.90935	.94566	.85093	.78225	.36771	.99902	1.07459	1.08928	.83678	.48655
.900	-1.685	.91958	.95572	.86253	.79409	.38164	.99010	1.07448	1.08950	.82505	.47421
.900	-1.202	.92923	.96588	.87346	.80565	.39460	.98146	1.07487	1.09023	.81340	.46095
.900	-.722	.93886	.97549	.88441	.81696	.40778	.97213	1.07384	1.08965	.80128	.44764
.900	-.241	.94777	.98447	.89462	.82764	.42003	.96319	1.07363	1.08991	.78943	.43487
.900	.270	.95716	.99411	.90534	.83852	.43333	.95260	1.07251	1.08960	.77592	.42010
.900	.787	.96666	1.00356	.91610	.84965	.44687	.94292	1.07184	1.08952	.76337	.40587
	GRADIENT	.02039	.02040	.02326	.02401	.02724	-.01857	-.00046	.00009	-.02439	-.02731

RUN NO. 1477/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPC1	CPU	CPC4	CPC5	CPC6	CP02
1.100	-7.032	.95389	.98296	.88736	.82128	.43615	1.20755	1.23776	1.29039	1.08290	.78059
1.100	-6.521	.96421	.99539	.89926	.83345	.44867	1.20045	1.23809	1.29051	1.07280	.76862
1.100	-6.020	.97455	1.00717	.91110	.84538	.46132	1.19296	1.23842	1.29069	1.06269	.75645
1.100	-5.523	.98529	1.01849	.92316	.85646	.47361	1.18630	1.23859	1.29089	1.05359	.74482
1.100	-5.026	.99501	1.02877	.93385	.86764	.48535	1.17816	1.23825	1.29053	1.04294	.73232
1.100	-4.534	1.00509	1.03926	.94477	.87873	.49714	1.17100	1.23831	1.29080	1.03305	.72035
1.100	-4.035	1.01473	1.04956	.95572	.89009	.50936	1.16347	1.23795	1.29058	1.02272	.70845
1.100	-3.535	1.02413	1.05908	.96648	.90110	.52068	1.15543	1.23721	1.29017	1.01227	.69648
1.100	-3.035	1.03399	1.06844	.97761	.91321	.53320	1.14690	1.23624	1.28990	1.00119	.68419
1.100	-2.549	1.04354	1.07738	.98832	.92448	.54521	1.13865	1.23566	1.28972	.98993	.67187
1.100	-2.058	1.05273	1.08653	.99898	.93495	.55700	1.13024	1.23465	1.28930	.97890	.65963
1.100	-1.566	1.06271	1.09660	1.01034	.94661	.57022	1.12241	1.23412	1.28932	.96851	.64819
1.100	-1.077	1.07107	1.10510	1.01995	.95655	.58188	1.11369	1.23338	1.28907	.95724	.63576
1.100	-.583	1.07998	1.11466	1.03041	.96731	.59412	1.10568	1.23239	1.28897	.94646	.62371
1.100	-.099	1.08849	1.12337	1.04006	.97730	.60565	1.09723	1.23113	1.28856	.93560	.61167
1.100	.414	1.09748	1.13240	1.05024	.98767	.61806	1.08846	1.23007	1.28841	.92379	.59902
1.100	.921	1.10600	1.14131	1.06001	.99815	.63008	1.07984	1.22913	1.28819	.91211	.58631
	GRADIENT	.01860	.01871	.02126	.02197	.02451	-.01681	-.00171	-.00047	-.02222	-.02460

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(RCMO44) (03 OCT 91)

PARAMETRIC DATA

BETA = -2.500 PHI = 180.000

RUN NO. 1551/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPC1	CPC4	CPC5	CPC6	CPC2
1.450	-7.083	1.01450	1.08180	.97341	.90324	.51795	1.32052	1.38994	1.18299	.87265
1.450	-6.580	1.02407	1.09297	.98493	.91492	.52830	1.30959	1.38947	1.17078	.85949
1.451	-6.087	1.03454	1.10565	.99707	.92733	.53973	1.29961	1.38909	1.16016	.84760
1.450	-5.596	1.04452	1.11725	1.00858	.93896	.55073	1.28789	1.38926	1.14748	.83389
1.450	-5.106	1.05388	1.12752	1.02000	.95024	.56193	1.27669	1.38835	1.13561	.82172
1.450	-4.616	1.06486	1.13872	1.03225	.96235	.57426	1.26746	1.38880	1.12434	.80965
1.450	-4.127	1.07418	1.14890	1.04324	.97317	.58528	1.25787	1.38835	1.11273	.79741
1.450	-3.640	1.08537	1.15990	1.05491	.98452	.59736	1.24832	1.38776	1.10152	.78552
1.449	-3.158	1.09492	1.16996	1.06533	.99489	.60828	1.23706	1.38714	1.08873	.77170
1.449	-2.676	1.10591	1.18171	1.07827	1.00778	.62108	1.22709	1.38762	1.07846	.76066
1.450	-2.202	1.11582	1.19282	1.09005	1.01957	.63274	1.21650	1.38827	1.06700	.74920
1.450	-1.726	1.12495	1.20228	1.10077	1.03095	.64434	1.20491	1.38636	1.05476	.73668
1.450	-1.249	1.13612	1.21265	1.11275	1.04346	.65756	1.19612	1.38763	1.04359	.72543
1.450	-.769	1.14567	1.22283	1.12394	1.05501	.67015	1.18621	1.38793	1.03152	.71378
1.450	-.291	1.15449	1.23128	1.13325	1.06446	.68121	1.17535	1.38680	1.01812	.70068
1.450	.220	1.16568	1.24166	1.14470	1.07603	.69413	1.16506	1.38600	1.00460	.68789
1.450	.736	1.17600	1.25200	1.15638	1.08783	.70775	1.15479	1.38707	.99227	.67522
GRADIENT		.02087	.02133	.02341	.02377	.02509	-.02131	-.00032	-.02471	-.02509

RUN NO. 1635/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPC1	CPC4	CPC5	CPC6	CPC2
1.470	-7.080	.97872	1.06344	.95367	.88362	.50324	1.28972	1.21154	1.16132	.85416
1.469	-6.577	.98678	1.07485	.96528	.89553	.51352	1.27750	1.21006	1.14827	.84124
1.469	-6.086	.99649	1.08695	.97724	.90820	.52449	1.26705	1.20994	1.13604	.82865
1.469	-5.591	1.00645	1.09757	.98835	.91917	.53502	1.25665	1.20915	1.12353	.81531
1.469	-5.097	1.01663	1.10947	1.00050	.93097	.54616	1.24503	1.20926	1.11197	.80289
1.470	-4.609	1.02873	1.12299	1.01471	.94503	.55947	1.23483	1.21040	1.10288	.79308
1.468	-4.120	1.03609	1.13101	1.02410	.95447	.56823	1.22152	1.20915	1.08946	.77902
1.470	-3.632	1.04749	1.14247	1.03655	.96707	.58022	1.21184	1.21025	1.07915	.76831
1.470	-3.150	1.05832	1.15356	1.04871	.97939	.59253	1.20112	1.21014	1.06782	.75697
1.471	-2.670	1.06846	1.16386	1.05984	.99055	.60385	1.19118	1.21059	1.05593	.74500
1.470	-2.185	1.07871	1.17305	1.07000	1.00086	.61426	1.18036	1.20902	1.04302	.73198
1.470	-1.710	1.08932	1.18418	1.08218	1.01295	.62652	1.17020	1.20880	1.03244	.72089
1.470	-1.232	1.09746	1.19195	1.09159	1.02261	.63722	1.15872	1.20830	1.02014	.70785
1.470	-.748	1.10773	1.20144	1.10221	1.03411	.64988	1.14897	1.20855	1.00880	.69589
1.471	-.271	1.11847	1.21130	1.11306	1.04535	.66244	1.13980	1.20895	.99816	.68476
1.470	.242	1.12690	1.21925	1.12223	1.05494	.67422	1.12750	1.20825	.98403	.67103
1.484	.756	1.13752	1.22850	1.13248	1.06556	.68613	1.11700	1.20720	.97094	.65956
GRADIENT		.02060	.01999	.02228	.02279	.02397	-.02175	-.00049	-.02439	-.02500

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(RCMO44) (03 OCT 91)

PARAMETRIC DATA

RUN NO. 1586/ 0		RN/L =		2.50		GRADIENT INTERVAL =		-5.00/ 5.00		BETA =		-2.500		PHI =		180.000	
ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2							
-7.079	.92649	1.05558	.94649	.87882	.50216	1.25281	1.28715	1.36983	1.15218	.84797							
-6.571	.93317	1.06757	.95839	.89079	.51219	1.23893	1.28826	1.37006	1.14048	.83544							
-6.082	.93985	1.07950	.97014	.90249	.52227	1.22359	1.28861	1.36958	1.12865	.82248							
-5.586	.94453	1.09107	.98248	.91408	.53247	1.20896	1.28898	1.36928	1.11707	.80990							
-5.091	.94920	1.10293	.99437	.92570	.54328	1.19254	1.28951	1.36922	1.10537	.79809							
-4.603	.95246	1.11479	1.00611	.93739	.55428	1.17484	1.29067	1.36995	1.09360	.78615							
-4.111	.95819	1.12604	1.01765	.94889	.56564	1.15909	1.29175	1.37067	1.08183	.77488							
-3.622	.96313	1.13659	1.02804	.95967	.57651	1.14275	1.29108	1.36965	1.06905	.76252							
-3.141	.96858	1.14826	1.03976	.97179	.58570	1.12645	1.29056	1.36882	1.05674	.75065							
-2.659	.97665	1.15977	1.05189	.98413	.60124	1.11279	1.29131	1.36950	1.04550	.73945							
-2.175	.97826	1.16796	1.06108	.99359	.61149	1.09332	1.29107	1.36916	1.03218	.72682							
-1.701	.98545	1.17755	1.07221	1.00507	.62386	1.07798	1.29042	1.36860	1.02112	.71577							
-1.219	.99256	1.18647	1.08283	1.01579	.63582	1.06306	1.28990	1.36819	1.00961	.70407							
-.736	1.00184	1.19586	1.09385	1.02672	.64877	1.04976	1.29050	1.36905	.99868	.69291							
-.256	1.01261	1.20424	1.10360	1.03650	.65982	1.03821	1.29029	1.36908	.98694	.68114							
.257	1.02447	1.21366	1.11439	1.04736	.67167	1.02620	1.28968	1.36882	.97445	.66835							
.772	1.04003	1.22323	1.12524	1.05832	.68381	1.01824	1.28895	1.36848	.96201	.65548							
GRADIENT	.01534	.02004	.02222	.02258	.02434	-.03022	-.00035	-.00029	-.02448	-.02429							

RUN NO. 1602/ 0		RN/L = 2.50		GRADIENT INTERVAL = -5.00/ 5.00							
MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.516	-7.084	.80241	1.05763	.94911	.88228	.50342	1.17215	1.33238	1.36489	1.15866	.85488
1.516	-6.572	.79801	1.06914	.96031	.89332	.51486	1.14497	1.33347	1.36552	1.14560	.84094
1.517	-6.076	.79410	1.08281	.97372	.90655	.52749	1.11850	1.33387	1.36555	1.13527	.82984
1.517	-5.580	.79366	1.09495	.98517	.91798	.53821	1.09393	1.33237	1.36377	1.12338	.81692
1.516	-5.096	.79733	1.10761	.99662	.92922	.54872	1.07210	1.33122	1.36242	1.11194	.80441
1.517	-4.604	.80241	1.11929	1.00728	.93970	.55874	1.05189	1.32982	1.36085	1.09996	.79183
1.517	-4.112	.80040	1.13158	1.01863	.95109	.56966	1.02767	1.32970	1.36072	1.08841	.77977
1.517	-3.624	.80115	1.14311	1.02956	.96204	.58058	1.00586	1.32875	1.35974	1.07667	.76725
1.517	-3.139	.80303	1.15392	1.04075	.97318	.59217	.98284	1.32777	1.35892	1.06442	.75509
1.517	-2.660	.80544	1.16601	1.05228	.98471	.60390	.95866	1.32836	1.35975	1.05238	.74312
1.517	-2.178	.81609	1.17901	1.06524	.99794	.61711	.94407	1.33346	1.36513	1.04203	.73277
1.517	-1.698	.82153	1.18720	1.07408	1.00685	.62704	.92276	1.33291	1.36487	1.02710	.71917
1.517	-1.218	.83143	1.19653	1.08460	1.01743	.63793	.90725	1.33005	1.36247	1.01413	.70715
1.517	-.736	.84693	1.20715	1.09719	1.03001	.65058	.89787	1.32912	1.36194	1.00328	.69676
1.517	-.255	.85736	1.21588	1.10741	1.04015	.66106	.88254	1.32827	1.36162	.99044	.68455
1.517	.257	.87347	1.22594	1.12056	1.05344	.67425	.87242	1.32814	1.36212	.97816	.67270
1.516	.771	.88543	1.23412	1.13095	1.06373	.68543	.85787	1.32651	1.36113	.96250	.65833
	GRADIENT	.01635	.02151	.02312	.02322	.02378	-.03595	-.00031	.00037	-.02552	-.02466

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(RCMO44) (03 OCT 91)

PARAMETRIC DATA

BETA = -2.500 PHI = 180.000

RUN NO. 1617/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPC1	CPC1	CPC4	CPC5	CPC6	CPC2
1.541	-7.079	.61140	1.06094	.94651	.88136	.50106	.97121	1.28048	1.31914	1.15293	.84981
1.541	-6.570	.62175	1.07372	.96126	.89539	.51565	.95048	1.27973	1.31734	1.14346	.83963
1.541	-6.076	.63317	1.08367	.97360	.90691	.52833	.93109	1.28119	1.31788	1.13102	.82669
1.541	-5.581	.64558	1.09225	.98540	.91810	.54011	.91424	1.28216	1.31799	1.11807	.81339
1.541	-5.091	.65949	1.10032	.99780	.92979	.55151	.89952	1.28285	1.31799	1.10631	.80099
1.541	-4.603	.67525	1.10556	1.00934	.94076	.56205	.88681	1.28391	1.31833	1.09383	.78832
1.541	-4.115	.69192	1.10968	1.02079	.95153	.57220	.87642	1.28420	1.31812	1.08128	.77586
1.541	-3.624	.71384	1.11118	1.03260	.96292	.58320	.87107	1.28468	1.31805	1.06928	.76378
1.542	-3.136	.74548	1.10716	1.04495	.97507	.59528	.87614	1.28631	1.31917	1.05826	.75288
1.542	-2.659	.79367	1.08227	1.05545	.98656	.60670	.89787	1.28695	1.31933	1.04593	.74042
1.542	-2.175	.83610	1.07348	1.06658	.99744	.61773	.91848	1.28780	1.31968	1.03377	.72858
1.541	-1.697	.86491	1.08614	1.07946	1.00858	.62893	.92787	1.28735	1.31867	1.02162	.71669
1.541	-1.218	.88520	1.10053	1.09185	1.01971	.63976	.93081	1.28633	1.31713	1.00983	.70489
1.542	-.737	.90297	1.12394	1.10527	1.03192	.65170	.93185	1.28542	1.31562	.99814	.69320
1.542	-.254	.91797	1.14694	1.11707	1.04249	.66224	.93107	1.28366	1.31345	.98624	.68131
1.542	.257	.93357	1.18177	1.12961	1.05440	.67447	.92856	1.28355	1.31314	.97416	.66905
1.541	.771	.94495	1.22615	1.14025	1.06551	.68657	.92277	1.28369	1.31357	.96216	.65559
	GRADIENT	.05512	.01722	.02473	.02341	.02331	.01200	-.00016	-.00111	-.02459	-.02452

(RCMO45) (03 OCT 91)

IA310 (AEDC 16TF-783) PROBE CALIBRATION

PARAMETRIC DATA

BETA = -2.000 PHI = 180.000

RUN NO. 1571/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
.599	-7.078	.65757	.69140	.58767	.51530	.10044	.96466	.91250	.89323	.82649	.49822
.599	-6.577	.67064	.70431	.60189	.52924	.11480	.95576	.91220	.89203	.81449	.48406
.599	-6.082	.68592	.71964	.61824	.54579	.13088	.95057	.91700	.89551	.80572	.47267
.600	-5.586	.69659	.73084	.62984	.55825	.14367	.93989	.91531	.89288	.79226	.45743
.599	-5.096	.70936	.74521	.64367	.57234	.15764	.93167	.91670	.89350	.78113	.44456
.600	-4.607	.72362	.76018	.65851	.58747	.17330	.92499	.91959	.89574	.77119	.43266
.600	-4.121	.73403	.77115	.66973	.59925	.18529	.91522	.91899	.89445	.75859	.41847
.600	-3.632	.74446	.78188	.68160	.61118	.19784	.90467	.91866	.89378	.74523	.40324
.600	-3.149	.75714	.79351	.69506	.62488	.21206	.89639	.92029	.89491	.73399	.39043
.600	-2.668	.76882	.80465	.70814	.63820	.22726	.88660	.92050	.89483	.72176	.37713
.600	-2.194	.77971	.81607	.72022	.65069	.24057	.87663	.92040	.89463	.70916	.36310
.600	-1.723	.79038	.82626	.73159	.66249	.25388	.86798	.92063	.89483	.69765	.35041
.600	-1.258	.80106	.83631	.74400	.67516	.26843	.85872	.91963	.89395	.68595	.33805
.600	-.788	.80973	.84490	.75358	.68499	.27894	.84852	.92046	.89487	.67242	.32288
.600	-.317	.82007	.85519	.76541	.69716	.29329	.83946	.92015	.89489	.66093	.31109
.600	.194	.83018	.86533	.77683	.70892	.30727	.82801	.91915	.89422	.64651	.29584
.600	.719	.83883	.87421	.78686	.71912	.31922	.81606	.91814	.89375	.63128	.27924
	GRADIENT	.02211	.02171	.02460	.02523	.02801	-.02021	-.00004	-.00014	-.02600	-.02847

RUN NO. 1461/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
.800	-7.059	.74280	.77567	.66956	.59635	.16244	1.03631	1.02783	1.06508	.89787	.56238
.800	-6.553	.75489	.78776	.68281	.61042	.17734	1.02778	1.02873	1.06530	.88605	.54843
.800	-6.054	.76718	.80081	.69634	.62421	.19148	1.01968	1.02990	1.06589	.87518	.53478
.800	-5.558	.77949	.81414	.70933	.63766	.20591	1.01118	1.03019	1.06583	.86386	.52135
.800	-5.065	.79159	.82737	.72269	.65115	.22021	1.00316	1.03077	1.06596	.85279	.50845
.800	-4.575	.80285	.83960	.73516	.66374	.23393	.99473	1.03117	1.06626	.84144	.49487
.800	-4.084	.81390	.85151	.74762	.67667	.24827	.98629	1.03093	1.06583	.83043	.48211
.800	-3.596	.82546	.86280	.76055	.68910	.26261	.97744	1.03133	1.06622	.81882	.46845
.800	-3.105	.83626	.87273	.77278	.70144	.27622	.96796	1.03112	1.06619	.80628	.45387
.800	-2.618	.84746	.88442	.78559	.71474	.29036	.95887	1.03086	1.06601	.79447	.43974
.800	-2.140	.85748	.89515	.79730	.72698	.30467	.94961	1.03040	1.06583	.78224	.42616
.800	-1.664	.86783	.90536	.80881	.73891	.31766	.94055	1.02995	1.06584	.77036	.41277
.800	-1.187	.87771	.91518	.81991	.75077	.33114	.93122	1.02937	1.06569	.75825	.39934
.800	-.709	.88740	.92501	.83087	.76239	.34440	.92221	1.02888	1.06564	.74605	.38606
.800	-.234	.89705	.93469	.84196	.77384	.35798	.91316	1.02853	1.06608	.73372	.37295
.800	.278	.90666	.94450	.85319	.78533	.37195	.90267	1.02753	1.06601	.71976	.35792
.800	.798	.91660	.95453	.86452	.79707	.38653	.89214	1.02634	1.06544	.70603	.34284
	GRADIENT	.02123	.02141	.02414	.02497	.02838	-.01913	-.00086	-.00009	-.02527	-.02836

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(RCM045) (03 OCT 91)

PARAMETRIC DATA

BETA = -2.000 PHI = 180.000

RUN NO. 1495/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
.900	-7.060	.80357	.83503	.73221	.66010	.23440	1.08467	1.15205	1.16688	.94832	.61856
.900	-6.552	.81603	.84760	.74616	.67392	.24879	1.07752	1.15253	1.16783	.93793	.60606
.900	-6.059	.82653	.85908	.75805	.68631	.26178	1.06846	1.15168	1.16733	.92631	.59211
.900	-5.561	.83874	.87259	.77116	.70051	.27661	1.06098	1.15120	1.16742	.91614	.57971
.900	-5.066	.85009	.88504	.78382	.71316	.28972	1.05286	1.15132	1.16796	.90520	.56657
.900	-4.581	.86072	.89618	.79557	.72529	.30306	1.04433	1.14994	1.16723	.89402	.55349
.900	-4.089	.87217	.90801	.80831	.73810	.31681	1.03701	1.15030	1.16825	.88412	.54115
.900	-3.595	.88119	.91685	.81859	.74858	.32890	1.02707	1.14846	1.16725	.87154	.52701
.900	-3.113	.89237	.92836	.83150	.76113	.34243	1.01905	1.14759	1.16756	.86036	.51370
.900	-2.624	.90286	.93934	.84339	.77373	.35663	1.01017	1.14630	1.16703	.84857	.50033
.900	-2.142	.91257	.94902	.85448	.78519	.36951	1.00098	1.14487	1.16695	.83681	.48704
.900	-1.669	.92233	.95910	.86556	.79667	.38254	.99228	1.14378	1.16700	.82533	.47444
.900	-1.196	.93229	.96918	.87676	.80835	.39578	.98395	1.14289	1.16708	.81391	.46181
.899	-.720	.94132	.97820	.88715	.81913	.40842	.97493	1.14173	1.16719	.80189	.44837
.900	-.245	.95044	.98748	.89750	.83029	.42129	.96606	1.13985	1.16702	.79035	.43575
.900	.267	.95940	.99685	.90817	.84118	.43450	.95602	1.13872	1.16705	.77665	.42100
.900	.786	.96936	1.00699	.91961	.85280	.44864	.94612	1.13702	1.16684	.76363	.40653
GRADIENT		.02028	.02067	.02316	.02390	.02722	-.01838	-.00251	-.00013	-.02441	-.02740

RUN NO. 1478/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.102	-7.027	.95721	.98652	.89099	.82367	.43846	1.20979	1.22645	1.28858	1.08405	.78242
1.101	-6.516	.96821	.99814	.90317	.83566	.45088	1.20316	1.22262	1.28438	1.07408	.76997
1.100	-6.017	.97823	1.00925	.91412	.84723	.46274	1.19519	1.22409	1.28536	1.06329	.75715
1.100	-5.516	.98826	1.02050	.92524	.85846	.47460	1.18772	1.22433	1.28553	1.05332	.74466
1.100	-5.025	.99875	1.03236	.93735	.87112	.48718	1.18077	1.22508	1.28614	1.04377	.73312
1.100	-4.523	1.00795	1.04196	.94726	.88151	.49851	1.17273	1.22366	1.28467	1.03335	.72100
1.100	-4.021	1.01782	1.05213	.95828	.89294	.51045	1.16520	1.22364	1.28465	1.02307	.70902
1.100	-3.531	1.02721	1.06087	.96883	.90362	.52168	1.15718	1.22326	1.28440	1.01229	.69665
1.100	-3.035	1.03811	1.07184	.98093	.91622	.53515	1.14985	1.22357	1.28488	1.00220	.68545
1.100	-2.542	1.04715	1.08153	.99141	.92700	.54688	1.14086	1.22208	1.28392	.99056	.67269
1.100	-2.052	1.05637	1.09057	1.00212	.93759	.55918	1.13265	1.22149	1.28354	.97970	.66078
1.100	-1.560	1.06599	1.10024	1.01291	.94872	.57160	1.12494	1.22172	1.28246	.96930	.64906
1.100	-1.075	1.07461	1.10893	1.02276	.95901	.58348	1.11632	1.21521	1.28146	.95817	.63705
1.100	-.588	1.08313	1.11804	1.03264	.96936	.59543	1.10872	1.21507	1.28176	.94749	.62508
1.100	-.103	1.09177	1.12678	1.04245	.97945	.60696	1.10025	1.21450	1.28166	.93676	.61300
1.100	.405	1.09983	1.13536	1.05215	.98944	.61905	1.09138	1.20814	1.27937	.92467	.59995
1.100	.915	1.10843	1.14452	1.06233	1.00051	.63138	1.08281	1.20777	1.27961	.91300	.58697
GRADIENT		.01856	.01890	.02123	.02189	.02457	-.01661	-.00315	-.00104	-.02216	-.02459

IA310 (AEDC 16TF-783) PROBE CALIBRATION (RCM045) (03 OCT 91)

PARAMETRIC DATA

BETA = -2.000 PHI = 180.000

RUN NO. 1518/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPC1	CPC2	CPC3	CPC4	CPC5	CPC6	CPC7
1.250	-7.049	1.05840	.96102	.89160	1.28683	1.34417	1.15296	.84591
1.250	-6.539	1.03423	.97162	.90246	1.27793	1.34462	1.14076	.83231
1.250	-6.042	1.04439	.98308	.91429	1.27007	1.34333	1.13017	.81995
1.250	-5.546	1.05604	.99568	.92741	1.26349	1.34333	1.12131	.80887
1.250	-5.047	1.06512	1.00584	.93779	1.25333	1.34413	1.10989	.79585
1.249	-4.558	1.07425	1.01660	.94876	1.24426	1.34286	1.09954	.78375
1.250	-4.063	1.08515	1.02843	.96094	1.23808	1.34448	1.09093	.77365
1.250	-3.575	1.09331	1.03796	.97084	1.22864	1.34395	1.07914	.76103
1.250	-3.082	1.10354	1.04924	.98217	1.22046	1.34312	1.06832	.74943
1.250	-2.598	1.11391	1.06102	.99391	1.21256	1.34323	1.05800	.73834
1.250	-2.112	1.12303	1.07134	1.00444	1.20392	1.34280	1.04667	.72633
1.250	-1.636	1.13255	1.08169	1.01516	1.19664	1.34301	1.03616	.71542
1.250	-1.157	1.14078	1.09140	1.02521	1.18774	1.34223	1.02504	.70408
1.250	-.678	1.14982	1.10164	1.03585	1.18012	1.34153	1.01474	.69279
1.250	-.201	1.15837	1.11155	1.04636	1.17195	1.34168	1.00413	.68190
1.249	.313	1.16711	1.12161	1.05677	1.16261	1.34178	.99173	.66873
1.250	.830	1.17595	1.13187	1.06742	1.15334	1.34126	.97975	.65554
GRADIENT		.01893	.02146	.02207	-.01696	-.00049	-.02238	-.02376

RUN NO. 1534/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPC1	CPC2	CPC3	CPC4	CPC5	CPC6	CPC7
1.400	-7.044	1.08140	.97635	.90521	1.32120	1.37811	1.17892	.86593
1.400	-6.539	1.09370	.98911	.91789	1.31252	1.37726	1.16781	.85324
1.400	-6.036	1.10605	1.00149	.93000	1.30297	1.37826	1.15664	.84101
1.400	-5.541	1.11734	1.01260	.94128	1.29244	1.37806	1.14482	.82823
1.400	-5.046	1.12930	1.02448	.95301	1.28311	1.37835	1.13357	.81570
1.400	-4.554	1.14044	1.03556	.96461	1.27443	1.37816	1.12285	.80422
1.400	-4.058	1.15078	1.04646	.97573	1.26517	1.37729	1.11155	.79211
1.399	-3.570	1.16146	1.05784	.98714	1.25526	1.37706	1.09972	.77922
1.400	-3.074	1.17210	1.06921	.99875	1.24531	1.37742	1.08804	.76681
1.400	-2.590	1.18272	1.08060	1.01015	1.23582	1.37636	1.07618	.75444
1.400	-2.108	1.19407	1.09314	1.02270	1.22687	1.37784	1.06577	.74318
1.400	-1.621	1.20260	1.10283	1.03239	1.21596	1.37641	1.05330	.73032
1.400	-1.143	1.21301	1.11430	1.04405	1.20783	1.37672	1.04282	.71944
1.400	-.662	1.16309	1.12368	1.05387	1.19751	1.37577	1.03009	.70669
1.400	-.184	1.17339	1.13489	1.06532	1.18921	1.37612	1.01952	.69565
1.400	.329	1.18333	1.14602	1.07728	1.17891	1.37616	1.00648	.68286
1.400	.847	1.19258	1.15706	1.08896	1.16841	1.37482	.99323	.66913
GRADIENT		.02054	.02262	.02306	-.01964	-.00045	-.02391	-.02490

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(RCM045) (03 OCT 91)

PARAMETRIC DATA

BETA = -2.000 PHI = 180.000

RUN NO. 1552/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CP01	CPU	CPC4	CPC5	CPC6	CP02
1.450	-7.072	1.01776	1.08223	.97613	.90555	.51908	1.32226	1.35191	1.38576	1.18217	.87250
1.450	-6.564	1.02691	1.09316	.98807	.91764	.52997	1.31086	1.35245	1.38592	1.17062	.85986
1.450	-6.068	1.03699	1.10588	1.00015	.92981	.54104	1.30009	1.35192	1.38512	1.15901	.84711
1.450	-5.576	1.04668	1.11694	1.01082	.94051	.55140	1.28869	1.35275	1.38578	1.14667	.83380
1.450	-5.085	1.05620	1.12916	1.02293	.95252	.56340	1.27706	1.35057	1.38337	1.13425	.82115
1.450	-4.596	1.06833	1.14187	1.03566	.96512	.57593	1.27030	1.35146	1.38422	1.12446	.81035
1.449	-4.104	1.07735	1.15168	1.04564	.97498	.58642	1.25959	1.35092	1.38375	1.11201	.79724
1.451	-3.615	1.08901	1.16489	1.05880	.98779	.59974	1.25061	1.35112	1.38398	1.10223	.78640
1.450	-3.130	1.09914	1.17607	1.07026	.99911	.61129	1.23967	1.35150	1.38457	1.09061	.77368
1.450	-2.651	1.10852	1.18578	1.08116	1.01000	.62269	1.22715	1.35034	1.38368	1.07795	.76039
1.450	-2.180	1.11857	1.19661	1.09301	1.02251	.63480	1.21720	1.34979	1.38342	1.06703	.74920
1.451	-1.705	1.12886	1.20712	1.10525	1.03510	.64757	1.20751	1.34960	1.38368	1.05626	.73844
1.450	-1.239	1.13796	1.21583	1.11511	1.04547	.65860	1.19729	1.34865	1.38319	1.04400	.72600
1.450	-1.767	1.14799	1.22541	1.12541	1.05605	.67074	1.18844	1.34821	1.38331	1.03223	.71423
1.450	-.297	1.15744	1.23497	1.13555	1.06610	.68238	1.17827	1.34594	1.38183	1.01955	.70151
1.450	.217	1.16819	1.24566	1.14750	1.07817	.69610	1.16770	1.34553	1.38212	1.00591	.68880
1.450	.738	1.17894	1.25562	1.15925	1.09026	.70998	1.15745	1.34510	1.38239	.99279	.67546
GRADIENT		.02080	.02137	.02333	.02372	.02518	-.02134	-.00128	-.00042	-.02466	-.02523

RUN NO. 1636/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CP01	CPU	CPC4	CPC5	CPC6	CP02
1.470	-7.065	.98185	1.06344	.95712	.88721	.50491	1.29136	1.24393	1.20797	1.16082	.85420
1.470	-6.561	.98980	1.07464	.96828	.89868	.51504	1.27914	1.24432	1.20698	1.14686	.84045
1.470	-6.061	1.00007	1.08801	.98089	.91120	.52668	1.26932	1.24578	1.20717	1.13584	.82889
1.469	-5.573	1.00945	1.09943	.99202	.92195	.53688	1.25758	1.24607	1.20633	1.12288	.81484
1.470	-5.082	1.02020	1.11257	1.00443	.93425	.54866	1.24609	1.24810	1.20725	1.11208	.80338
1.470	-4.585	1.02942	1.12348	1.01576	.94547	.55901	1.23394	1.24863	1.20689	1.10036	.79123
1.470	-4.099	1.04022	1.13533	1.02843	.95835	.57118	1.22366	1.24970	1.20707	1.08999	.77999
1.470	-3.610	1.05041	1.14594	1.03941	.96957	.58201	1.21267	1.24980	1.20646	1.07803	.76771
1.470	-3.129	1.06140	1.15731	1.05149	.98184	.59401	1.20266	1.25029	1.20626	1.06683	.75659
1.469	-2.642	1.07118	1.16713	1.06192	.99215	.60466	1.19154	1.25005	1.20546	1.05419	.74378
1.470	-2.165	1.08090	1.17749	1.07342	1.00392	.61650	1.18029	1.25110	1.20605	1.04230	.73219
1.470	-1.692	1.09071	1.18770	1.08491	1.01541	.62880	1.17082	1.25133	1.20587	1.03264	.72228
1.470	-1.222	1.09975	1.19633	1.09546	1.02642	.64018	1.16077	1.25201	1.20624	1.02154	.71032
1.470	-.748	1.10768	1.20287	1.10274	1.03462	.65054	1.14959	1.25161	1.20565	1.00851	.69682
1.470	-.274	1.11905	1.21303	1.11393	1.04601	.66320	1.14071	1.25157	1.20544	.99813	.68530
1.470	.237	1.12949	1.22266	1.12480	1.05703	.67583	1.13008	1.25133	1.20511	.98552	.67196
1.469	.759	1.14019	1.23286	1.13639	1.06907	.68941	1.11930	1.25110	1.20491	.97277	.65968
GRADIENT		.02054	.02021	.02238	.02294	.02429	-.02158	.00048	-.00034	-.02397	-.02472

(RCM045) (03 OCT 91)

IA310 (AEDC 16TF-783) PROBE CALIBRATION

PARAMETRIC DATA

RUN NO. 1587/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00 BETA = -2.000 PHI = 180.000
 ALPHA MACH CPB CPC1 CPC2 CPC3 CPC4 CPU CPC4 CPC5 CPC6 CP02

1.492	-7.065	.92769	1.05483	.94927	.88136	.50363	1.25327	1.28824	1.36732	1.15184	.84816
1.492	-6.558	.93314	1.06649	.96048	.89237	.51320	1.23664	1.28867	1.36678	1.13869	.83418
1.492	-6.061	.93967	1.07964	.97379	.90505	.52393	1.22285	1.28900	1.36640	1.12813	.82234
1.492	-5.569	.94450	1.09191	.98601	.91683	.53437	1.20803	1.29044	1.36702	1.11708	.81035
1.491	-5.076	.94699	1.10362	.99725	.92789	.54437	1.18958	1.29081	1.36697	1.10418	.79734
1.491	-4.586	.95167	1.11555	1.00867	.93921	.55537	1.17296	1.29124	1.36700	1.09226	.78556
1.491	-4.094	.95645	1.12657	1.02012	.95067	.56636	1.15620	1.29116	1.36656	1.08004	.77355
1.491	-3.601	.96214	1.13840	1.03133	.96227	.57795	1.14083	1.29082	1.36578	1.06810	.76228
1.491	-3.117	.96656	1.14995	1.04268	.97398	.59000	1.12311	1.29064	1.36536	1.05512	.74990
1.491	-2.637	.97151	1.16123	1.05424	.98586	.60214	1.10660	1.29094	1.36554	1.04356	.73851
1.492	-2.156	.97459	1.17150	1.06520	.99716	.61414	1.08803	1.29095	1.36560	1.03176	.72705
1.492	-1.682	.98038	1.18086	1.07529	1.00767	.62578	1.07215	1.29040	1.36518	1.02062	.71585
1.492	-1.208	.98937	1.18978	1.08558	1.01818	.63758	1.05909	1.29012	1.36502	1.00934	.70471
1.491	-.736	.99615	1.19760	1.09447	1.02692	.64863	1.04412	1.28920	1.36433	.99732	.69249
1.492	-.260	1.00997	1.20669	1.10502	1.03754	.66072	1.03512	1.28896	1.36445	.98730	.68158
1.492	.251	1.02114	1.21610	1.11581	1.04836	.67252	1.02231	1.28814	1.36405	.97476	.66837
1.492	.775	1.03674	1.22619	1.12743	1.06025	.68519	1.01422	1.28788	1.36414	.96222	.65491
	GRADIENT	.01493	.02052	.02206	.02251	.02442	-.03071	-.00063	-.00051	-.02423	-.02424

RUN NO. 1603/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

1.516	-7.071	.80411	1.05772	.95164	.88483	.50619	1.17071	1.32324	1.36038	1.15811	.85449
1.516	-6.562	.80040	1.07005	.96431	.89719	.51854	1.14442	1.32404	1.36072	1.14644	.84157
1.516	-6.066	.79085	1.08165	.97604	.90858	.52946	1.11313	1.32456	1.36084	1.13424	.82867
1.515	-5.568	.79130	1.09284	.98697	.91930	.53946	1.08942	1.32378	1.35977	1.12131	.81476
1.515	-5.071	.79693	1.10575	.99881	.93086	.55036	1.06928	1.32393	1.35960	1.11009	.80229
1.515	-4.585	.80324	1.11735	1.00976	.94147	.56033	1.05018	1.32370	1.35926	1.09818	.78971
1.515	-4.089	.80357	1.12961	1.02112	.95245	.57077	1.02658	1.32409	1.35968	1.08677	.77779
1.515	-3.602	.80024	1.14221	1.03259	.96410	.58206	1.00100	1.32423	1.35973	1.07495	.76590
1.515	-3.119	.79866	1.15482	1.04375	.97532	.59311	.97476	1.32404	1.35967	1.06183	.75330
1.515	-2.633	.80207	1.16636	1.05434	.98616	.60468	.95203	1.32373	1.35938	1.04914	.74097
1.515	-2.156	.80679	1.17863	1.06527	.99734	.61657	.93031	1.32367	1.35954	1.03686	.72932
1.515	-1.685	.81465	1.18942	1.07543	1.00769	.62793	.91337	1.32353	1.35963	1.02473	.71767
1.515	-1.211	.82326	1.20034	1.08633	1.01854	.63912	.89704	1.32291	1.35938	1.01232	.70590
1.514	-.736	.83234	1.21036	1.09699	1.02908	.64943	.88090	1.32198	1.35890	.99925	.69381
1.514	-.261	.84429	1.21992	1.10836	1.04072	.66042	.86786	1.32102	1.35848	.98689	.68223
1.514	.251	.86038	1.22974	1.12119	1.05358	.67294	.85806	1.32055	1.35859	.97451	.66963
1.515	.775	.87557	1.23947	1.13381	1.06614	.68621	.84698	1.32026	1.35902	.96235	.65657
	GRADIENT	.01346	.02302	.02295	.02314	.02354	-.03862	-.00076	-.00018	-.02576	-.02490

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(RCM045) (03 OCT 91)

PARAMETRIC DATA

BETA = -2.000 PHI = 180.000

RUN NO. 1618/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPC01	CPU	CPC4	CPC5	CPC6	CPO2
1.541	-7.064	.61524	1.06723	.94999	.88581	.50490	.97062	1.28818	1.31702	1.15528	.85293
1.542	-6.556	.62403	1.07514	.95996	.89555	.51671	.94764	1.28600	1.31391	1.14119	.83854
1.541	-6.061	.63736	1.08513	.97280	.90809	.53023	.92967	1.28710	1.31241	1.13054	.82695
1.541	-5.567	.65021	1.09228	.98478	.92000	.54270	.91445	1.28998	1.31472	1.11853	.81450
1.541	-5.076	.66365	1.09652	.99551	.93072	.55346	.89888	1.29025	1.31431	1.10546	.80098
1.541	-4.580	.67979	1.09944	1.00646	.94189	.56394	.88736	1.29074	1.31430	1.09355	.78898
1.541	-4.093	.69912	1.09947	1.01720	.95275	.57396	.87897	1.29081	1.31385	1.08162	.77708
1.541	-3.602	.72638	1.09475	1.02785	.96394	.58501	.87735	1.29074	1.31333	1.06948	.76481
1.541	-3.116	.77239	1.07161	1.03732	.97515	.59622	.89534	1.29086	1.31292	1.05711	.75236
1.541	-2.638	.82297	1.05664	1.04792	.98650	.60798	.92198	1.29139	1.31295	1.04558	.74060
1.541	-2.156	.85605	1.06390	1.06260	.99815	.61973	.93474	1.29155	1.31270	1.03378	.72871
1.541	-1.682	.87610	1.07472	1.07607	1.00907	.63036	.93815	1.29148	1.31207	1.02206	.71695
1.542	-1.211	.89780	1.08978	1.09159	1.02213	.64266	.94399	1.29256	1.31274	1.01129	.70617
1.541	-.734	.91321	1.10424	1.10422	1.03244	.65185	.94319	1.29147	1.31135	.99899	.69339
1.542	-.260	.92981	1.12881	1.11850	1.04454	.66365	.94331	1.29218	1.31193	.98822	.68225
1.541	-.252	.94209	1.16184	1.13119	1.05560	.67454	.93800	1.29091	1.31079	.97449	.66832
1.541	.775	.95539	1.20601	1.14377	1.06810	.68763	.93378	1.29085	1.31117	.96259	.65590
1.542		.05493	.01634	.02643	.02377	.02324	.01308	.00013	-.00059	-.02447	-.02485

GRADIENT

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(RCM046) (03 OCT 91)

PARAMETRIC DATA

BETA = -1.500 PHI = 180.000

RUN NO. 1496/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPC01	CPU	CPC4	CPC5	CPC6	CPC02
.900	-7.048	.80706	.83848	.73468	.66281	.23608	1.08669	1.12958	1.16504	.94906	.61911
.900	-6.537	.81851	.84964	.74829	.67610	.25013	1.07826	1.13009	1.16571	.93810	.60619
.900	-6.041	.83040	.86080	.76111	.68960	.26384	1.07054	1.12989	1.16571	.92712	.59249
.900	-5.549	.84182	.87217	.77403	.70260	.27800	1.06250	1.13029	1.16633	.91635	.57957
.900	-5.050	.85289	.88329	.78626	.71501	.29065	1.05436	1.12970	1.16624	.90546	.56647
.900	-4.558	.86343	.89423	.79802	.72708	.30369	1.04585	1.12867	1.16552	.89421	.55340
.900	-4.063	.87416	.90608	.80997	.73929	.31730	1.03745	1.12886	1.16622	.88329	.54034
.900	-3.572	.88497	.91963	.82208	.75191	.33104	1.02909	1.12790	1.16585	.87217	.52745
.900	-3.081	.89535	.93136	.83433	.76378	.34473	1.02001	1.12729	1.16590	.86017	.51377
.900	-2.598	.90616	.94240	.84616	.77605	.35840	1.01206	1.12669	1.16603	.84892	.50046
.900	-2.120	.91573	.95265	.85737	.78765	.37128	1.00283	1.12536	1.16553	.83723	.48710
.900	-1.646	.92583	.96308	.86859	.79936	.38478	.99463	1.12484	1.16587	.82601	.47505
.900	-1.179	.93488	.97229	.87885	.81009	.39728	.98577	1.12308	1.16529	.81459	.46229
.900	-1.715	.94458	.98183	.88975	.82135	.41058	.97761	1.12238	1.16572	.80362	.45021
.900	-.252	.95283	.99050	.89948	.83190	.42206	.96917	1.12108	1.16549	.79195	.43704
.900	.258	.96193	1.00002	.91070	.84347	.43583	.95955	1.11966	1.16531	.77881	.42373
.900	.790	.97190	1.01015	.92217	.85534	.44994	.94926	1.11853	1.16553	.76498	.40712
GRADIENT		.02036	.02159	.02327	.02407	.02743	-.01805	-.00202	-.00010	-.02415	-.02723

RUN NO. 1479/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPC01	CPU	CPC4	CPC5	CPC6	CPC02
1.099	-7.023	.96068	.98915	.89278	.82550	.43875	1.21225	1.20137	1.27694	1.08467	.78280
1.100	-6.508	.97082	.99940	.90500	.83767	.45140	1.20460	1.20189	1.27683	1.07406	.77005
1.100	-6.010	.98092	1.00929	.91635	.84912	.46363	1.19723	1.20226	1.27663	1.06410	.75805
1.100	-5.508	.99079	1.01943	.92758	.86035	.47564	1.18938	1.20247	1.27638	1.05382	.74532
1.100	-5.015	1.00073	1.03001	.93893	.87197	.48776	1.18190	1.20268	1.27626	1.04395	.73353
1.100	-4.511	1.01045	1.04085	.94942	.88340	.49943	1.17408	1.20281	1.27608	1.03353	.72128
1.100	-4.020	1.02031	1.05160	.96032	.89447	.51156	1.16670	1.20262	1.27286	1.02325	.70938
1.100	-3.523	1.03029	1.06349	.97139	.90608	.52355	1.15861	1.20244	1.27257	1.01268	.69717
1.100	-3.028	1.04052	1.07477	.98290	.91779	.53635	1.15096	1.20237	1.27243	1.00235	.68568
1.100	-2.529	1.05047	1.08474	.99388	.92919	.54877	1.14265	1.19887	1.26942	.99109	.67317
1.099	-2.044	1.05934	1.09413	1.00439	.93958	.56065	1.13432	1.19833	1.26892	.98017	.66099
1.100	-1.555	1.06873	1.10381	1.01516	.95072	.57302	1.12679	1.19337	1.26592	.97033	.64990
1.100	-1.069	1.07705	1.11207	1.02460	.96065	.58474	1.11841	1.19271	1.26539	.95921	.63782
1.100	-.589	1.08528	1.12094	1.03437	.97084	.59670	1.11032	1.19204	1.26491	.94869	.62618
1.100	-.115	1.09344	1.12924	1.04390	.98080	.60772	1.10235	1.19136	1.26467	.93805	.61391
1.100	.393	1.10196	1.13831	1.05432	.99163	.62035	1.09406	1.19086	1.26452	.92650	.60124
1.100	.911	1.11051	1.14694	1.06410	1.00228	.63259	1.08503	1.19006	1.26431	.91399	.58752
GRADIENT		.01847	.01947	.02121	.02193	.02463	-.01647	-.00284	-.00223	-.02197	-.02454

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(RCMO46) (03 OCT 91)

PARAMETRIC DATA

BETA = -1.500 PHI = 180.000

RUN NO. 1519/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.250	-7.038	1.02719	1.06003	.96234	.89315	.50523	1.28771	1.28646	1.33981	1.15213	.84545
1.250	-6.525	1.03702	1.06965	.97412	.90477	.51737	1.27952	1.28618	1.33905	1.14099	.83273
1.250	-6.031	1.04740	1.08006	.98589	.91655	.52977	1.27198	1.28665	1.33910	1.13071	.82044
1.250	-5.532	1.05779	1.09081	.99744	.92865	.54208	1.26374	1.28706	1.33934	1.12066	.80829
1.250	-5.034	1.06761	1.10090	1.00858	.94007	.55403	1.25449	1.28723	1.33924	1.11031	.79606
1.250	-4.540	1.07711	1.11198	1.01934	.95125	.56591	1.24615	1.28749	1.33932	1.10060	.78479
1.250	-4.046	1.08673	1.12336	1.03014	.96227	.57776	1.23819	1.28707	1.33877	1.09023	.77318
1.250	-3.558	1.09664	1.13445	1.04110	.97346	.58959	1.23019	1.28718	1.33890	1.07930	.76103
1.250	-3.068	1.10654	1.14473	1.05203	.98443	.60169	1.22201	1.28694	1.33872	1.06857	.74968
1.250	-2.578	1.11634	1.15523	1.06288	.99533	.61384	1.21368	1.28629	1.33822	1.05779	.73824
1.250	-2.091	1.12557	1.16525	1.07359	1.00638	.62575	1.20534	1.28508	1.33723	1.04687	.72670
1.249	-1.615	1.13470	1.17441	1.08367	1.01667	.63887	1.19803	1.28420	1.33666	1.03607	.71546
1.250	-1.143	1.14340	1.18324	1.09366	1.02704	.64859	1.19010	1.28380	1.33657	1.02591	.70479
1.250	-.675	1.15257	1.19268	1.10395	1.03779	.66029	1.18296	1.28454	1.33773	1.01633	.69427
1.250	-.208	1.16016	1.20062	1.11316	1.04764	.67103	1.17409	1.28373	1.33745	1.00518	.68260
1.250	.305	1.16918	1.20976	1.12377	1.05870	.68327	1.16503	1.28209	1.33635	.99320	.66977
1.250	.836	1.17888	1.21920	1.13458	1.06994	.69584	1.15609	1.28152	1.33647	.98100	.65626
GRADIENT		.01897	.01988	.02149	.02213	.02424	-.01672	-.00112	-.00053	-.02221	-.02370

RUN NO. 1535/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.400	-7.035	1.03415	1.08301	.97858	.90720	.51803	1.32281	1.32846	1.37448	1.17903	.86635
1.400	-6.521	1.04450	1.09343	.99104	.91942	.52983	1.31294	1.32759	1.37304	1.16704	.85286
1.400	-6.028	1.05514	1.10441	1.00364	.93171	.54175	1.30402	1.32921	1.37416	1.15622	.84090
1.400	-5.528	1.06435	1.11523	1.01479	.94283	.55287	1.29316	1.32796	1.37258	1.14422	.82800
1.400	-5.029	1.07607	1.12868	1.02754	.95566	.56581	1.28495	1.32994	1.37433	1.13403	.81648
1.400	-4.534	1.08523	1.13937	1.03733	.96593	.57639	1.27482	1.32828	1.37424	1.12209	.80374
1.400	-4.047	1.09645	1.15168	1.04931	.97815	.58857	1.26640	1.32948	1.37353	1.11151	.79217
1.400	-3.554	1.10583	1.16218	1.05964	.98853	.59951	1.25564	1.32830	1.37228	1.09921	.77903
1.400	-3.057	1.11767	1.17494	1.07248	1.00144	.61252	1.24688	1.32848	1.37254	1.08872	.76748
1.400	-2.570	1.12794	1.18567	1.08360	1.01275	.62433	1.23683	1.32895	1.37314	1.07668	.75512
1.400	-2.084	1.13767	1.19613	1.09484	1.02409	.63605	1.22680	1.32752	1.37187	1.06509	.74264
1.400	-1.602	1.14765	1.20586	1.10572	1.03476	.64765	1.21825	1.32802	1.37267	1.05409	.73101
1.400	-1.134	1.15596	1.21394	1.11473	1.04425	.65813	1.20843	1.32620	1.37118	1.04169	.71837
1.400	-.660	1.16592	1.22410	1.12565	1.05533	.66981	1.20063	1.32560	1.37096	1.03119	.70742
1.400	-.191	1.17512	1.23363	1.13634	1.06630	.68136	1.19136	1.32581	1.37172	1.02016	.69597
1.399	.320	1.18528	1.24402	1.14791	1.07867	.69473	1.18126	1.32390	1.37041	1.00748	.68296
1.400	.847	1.19540	1.25432	1.15984	1.09122	.70806	1.17097	1.32429	1.37152	.99388	.66923
GRADIENT		.02040	.02115	.02264	.02307	.02433	-.01933	-.00096	-.00039	-.02380	-.02497

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(RCMO46) (03 OCT 91)

PARAMETRIC DATA

BETA = -1.500 PHI = 180.000

RUN NO. 1553/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.450	-7.050	1.01996	1.08393	.97817	.90781	.52028	1.32277	1.34395	1.38166	1.18159	.87247
1.450	-6.544	1.02875	1.09335	.98974	.91932	.53070	1.31127	1.34385	1.38103	1.16973	.85952
1.450	-6.052	1.03904	1.10418	1.00195	.93146	.54183	1.30035	1.34397	1.38077	1.15824	.84695
1.450	-5.558	1.04923	1.11637	1.01405	.94334	.55362	1.28945	1.34457	1.38113	1.14662	.83457
1.450	-5.064	1.05878	1.12774	1.02560	.95473	.56495	1.27865	1.34324	1.37956	1.13412	.82163
1.450	-4.572	1.07000	1.14020	1.03759	.96667	.57700	1.27103	1.34434	1.38052	1.12393	.81034
1.450	-4.076	1.08019	1.15240	1.04882	.97768	.58850	1.26067	1.34451	1.38067	1.11213	.79737
1.450	-3.587	1.09057	1.16467	1.06070	.98908	.60050	1.24994	1.34394	1.38018	1.10086	.78515
1.450	-3.103	1.10122	1.17627	1.07262	1.00087	.61261	1.23915	1.34326	1.37959	1.09001	.77276
1.450	-2.622	1.11051	1.18688	1.08404	1.01242	.62437	1.22689	1.34277	1.37935	1.07789	.76014
1.450	-2.142	1.12108	1.19775	1.09568	1.02474	.63681	1.21777	1.34320	1.38005	1.06641	.74888
1.450	-1.677	1.13070	1.20820	1.10696	1.03674	.64841	1.20820	1.34153	1.37880	1.05544	.73781
1.450	-1.213	1.14118	1.21835	1.11761	1.04780	.66039	1.20045	1.34107	1.37867	1.04428	.72666
1.450	-.759	1.15078	1.22794	1.12698	1.05714	.67117	1.19125	1.34069	1.37882	1.03195	.71410
1.450	-.304	1.16051	1.23865	1.13782	1.06784	.68323	1.18208	1.33994	1.37860	1.02081	.70233
1.450	-.206	1.17149	1.25035	1.15089	1.08109	.69752	1.17163	1.33990	1.37920	1.00773	.68935
1.450	.745	1.18114	1.26017	1.16272	1.09304	.71127	1.15884	1.33891	1.37893	.99269	.67482
GRADIENT		.02113	.02259	.02359	.02398	.02529	-.02082	-.00109	-.00036	-.02452	-.02527

RUN NO. 1637/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.469	-7.049	.98221	1.06292	.95831	.88902	.50570	1.29080	1.25139	1.20361	1.15968	.85335
1.470	-6.543	.99262	1.07366	.97101	.90141	.51714	1.28073	1.25299	1.20401	1.14702	.84090
1.469	-6.046	1.00128	1.08530	.98273	.91265	.52757	1.26929	1.25374	1.20363	1.13438	.82724
1.470	-5.553	1.01327	1.09879	.99587	.92560	.53992	1.25988	1.25592	1.20478	1.12413	.81611
1.470	-5.062	1.02251	1.11053	1.00743	.93694	.55062	1.24693	1.25615	1.20412	1.11254	.80387
1.470	-4.564	1.03222	1.12239	1.01923	.94850	.56129	1.23498	1.25652	1.20364	1.10023	.79117
1.469	-4.074	1.04215	1.13329	1.03017	.95968	.57207	1.22388	1.25693	1.20331	1.08851	.77864
1.469	-3.584	1.05369	1.14536	1.04247	.97218	.58401	1.21411	1.25758	1.20336	1.07799	.76773
1.470	-3.097	1.06516	1.15834	1.05541	.98526	.59699	1.20434	1.25875	1.20389	1.06733	.75712
1.470	-2.615	1.07434	1.16849	1.06590	.99569	.60770	1.19226	1.25916	1.20382	1.05504	.74490
1.469	-2.134	1.08217	1.17705	1.07544	1.00567	.61817	1.18013	1.25809	1.20238	1.04165	.73182
1.469	-1.666	1.09172	1.18665	1.08604	1.01663	.62973	1.17080	1.25829	1.20235	1.03085	.72093
1.470	-1.202	1.10173	1.19698	1.09674	1.02779	.64160	1.16235	1.25899	1.20283	1.02114	.71069
1.469	-.744	1.10946	1.20546	1.10517	1.03677	.65211	1.15129	1.25847	1.20216	1.00938	.69795
1.470	-.283	1.11878	1.21416	1.11433	1.04618	.66338	1.14086	1.25870	1.20229	.99757	.68505
1.470	-.229	1.13019	1.22558	1.12694	1.05885	.67732	1.13095	1.25888	1.20254	.98643	.67243
1.469	.766	1.14121	1.23508	1.13800	1.07027	.69089	1.11953	1.25750	1.20133	.97262	.65915
GRADIENT		.02016	.02105	.02215	.02275	.02423	-.02178	.00025	-.00038	-.02401	-.02480

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(RCMO46) (03 OCT 91)

PARAMETRIC DATA

BETA = -1.500 PHI = 180.000

RUN NO. 1588/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.492	-7.051	.92735	1.05425	.95008	.88286	.50483	1.25211	1.28717	1.36292	1.15097	.84737
1.492	-6.544	.93516	1.06613	.96303	.89528	.51527	1.23763	1.28829	1.36299	1.13941	.83474
1.492	-6.047	.93896	1.07672	.97515	.90684	.52492	1.22179	1.28858	1.36248	1.12757	.82185
1.492	-5.549	.94349	1.08877	.98780	.91887	.53543	1.20571	1.28916	1.36247	1.11583	.80929
1.492	-5.053	.94574	1.10045	.99999	.93078	.54617	1.18727	1.29014	1.36299	1.10409	.79752
1.492	-4.560	.95132	1.11161	1.01158	.94208	.55705	1.17133	1.29144	1.36392	1.09207	.78572
1.491	-4.069	.95450	1.12255	1.02238	.95286	.56763	1.15290	1.29185	1.36380	1.07885	.77293
1.492	-3.579	.95965	1.13454	1.03393	.96478	.57952	1.13701	1.29307	1.36479	1.06698	.76172
1.492	-3.091	.96568	1.14770	1.04598	.97725	.59232	1.12076	1.29385	1.36548	1.05508	.75007
1.492	-2.605	.96591	1.15845	1.05625	.98791	.60369	1.09961	1.29414	1.36577	1.04262	.73761
1.492	-2.127	.97216	1.16971	1.06737	.99928	.61579	1.08420	1.29461	1.36637	1.03125	.72625
1.492	-1.658	.97683	1.17981	1.07714	1.00955	.62698	1.06708	1.29503	1.36699	1.01991	.71487
1.492	-1.189	.98293	1.18863	1.08599	1.01859	.63763	1.05181	1.29228	1.36443	1.00789	.70326
1.492	-.729	.99323	1.19889	1.09645	1.02873	.65000	1.04090	1.29036	1.36274	.99796	.69315
1.492	-.270	1.00084	1.20756	1.10567	1.03810	.66092	1.02660	1.28966	1.36242	.98687	.68129
1.491	.244	1.01411	1.21685	1.11608	1.04852	.67227	1.01551	1.28830	1.36151	.97422	.66721
1.492	.780	1.03135	1.22841	1.12912	1.06171	.68586	1.00741	1.28828	1.36194	.96205	.65393
	GRADIENT	.01385	.02187	.02179	.02222	.02426	-.03184	-.00082	-.00055	-.02429	-.02451

RUN NO. 1604/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.515	-7.051	.78993	1.05703	.95024	.88464	.50666	1.15763	1.31702	1.35793	1.15603	.85300
1.515	-6.539	.78318	1.06783	.96181	.89632	.51840	1.12826	1.31705	1.35748	1.14340	.83911
1.514	-6.041	.77886	1.07826	.97318	.90751	.52884	1.10067	1.31690	1.35691	1.13071	.82578
1.514	-5.548	.77934	1.08934	.98486	.91899	.53952	1.07786	1.31711	1.35666	1.11899	.81300
1.514	-5.057	.78704	1.10116	.99718	.93094	.55048	1.05863	1.31734	1.35662	1.10764	.80082
1.514	-4.559	.79275	1.11271	1.00910	.94223	.56118	1.03867	1.31763	1.35677	1.09655	.78903
1.514	-4.069	.79105	1.12396	1.02039	.95297	.57126	1.01207	1.31745	1.35644	1.08436	.77615
1.514	-3.577	.78786	1.13660	1.03268	.96495	.58262	.98600	1.31744	1.35636	1.07206	.76396
1.513	-3.091	.78620	1.14839	1.04344	.97553	.59317	.95891	1.31684	1.35573	1.05868	.75102
1.515	-2.608	.79492	1.16242	1.05629	.98810	.60608	.94194	1.31754	1.35645	1.04782	.74029
1.514	-2.126	.80347	1.17555	1.06649	.99844	.61715	.92336	1.31680	1.35589	1.03511	.72799
1.514	-1.656	.81198	1.18895	1.07730	1.00914	.62888	.90417	1.31702	1.35638	1.02328	.71630
1.514	-1.192	.82186	1.20114	1.08773	1.01935	.63974	.88960	1.31610	1.35569	1.01115	.70443
1.514	-.731	.83078	1.21215	1.09900	1.03076	.65087	.87544	1.31550	1.35550	.99935	.69343
1.514	-.269	.84293	1.22209	1.11014	1.04215	.66106	.86493	1.31483	1.35531	.98739	.68182
1.514	.244	.85746	1.23276	1.12249	1.05436	.67290	.85365	1.31411	1.35525	.97378	.66815
1.514	.777	.87440	1.24314	1.13558	1.06743	.68694	.84579	1.31356	1.35545	.96147	.65537
	GRADIENT	.01598	.02522	.02359	.02340	.02368	-.03636	-.00076	-.00026	-.02545	-.02496

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(RCM046) (03 OCT 91)

PARAMETRIC DATA

BETA = -1.500 PHI = 180.000

RUN NO. 1619/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CP01	CPU	CPC4	CPC5	CPC6	CP02
1.542	-7.046	.61700	1.07068	.94857	.88446	.50539	.96747	1.29102	1.31053	1.15428	.85273
1.543	-6.539	.62862	1.08014	.95995	.89569	.51876	.94705	1.29173	1.31036	1.14201	.84003
1.542	-6.048	.64029	1.08704	.97016	.90591	.53118	.92841	1.29204	1.30984	1.12955	.82666
1.542	-5.548	.65407	1.09290	.98121	.91779	.54351	.91292	1.29220	1.30928	1.11733	.81406
1.542	5.058	.66852	1.09710	.99219	.92928	.55502	.89963	1.29276	1.30927	1.10575	.80200
1.542	4.560	.68402	1.09679	1.00111	.93908	.56465	.88745	1.29211	1.30811	1.09286	.78893
1.541	-4.070	.70672	1.09446	1.01085	.95003	.57565	.88082	1.29263	1.30812	1.08108	.77725
1.542	-3.579	.74098	1.08358	1.02025	.96141	.58678	.88470	1.29329	1.30843	1.06940	.76545
1.541	-3.091	.79575	1.05940	1.02840	.97261	.59831	.91311	1.29288	1.30759	1.05743	.75321
1.541	-2.604	.83829	1.05286	1.04196	.98442	.60939	.93364	1.29286	1.30718	1.04497	.74058
1.541	-2.126	.86527	1.06253	1.05909	.99775	.62110	.94274	1.29358	1.30746	1.03392	.72893
1.541	-1.657	.88696	1.07242	1.07496	1.01050	.63283	.94845	1.29698	1.31047	1.02319	.71765
1.541	-1.191	.90519	1.08329	1.08910	1.02192	.64332	.95043	1.29631	1.30945	1.01111	.70553
1.541	-.729	.92220	1.09545	1.10376	1.03349	.65341	.95131	1.29337	1.30617	1.00013	.69401
1.541	-.268	.93854	1.11915	1.11894	1.04577	.66457	.95211	1.29266	1.30548	.98978	.68238
1.541	.244	.95325	1.14821	1.13403	1.05837	.67607	.94951	1.29349	1.30666	.97742	.66889
1.541	.779	.96399	1.19052	1.14668	1.07040	.68834	.94266	1.29339	1.30735	.96360	.65536
	GRADIENT	.05491	.01491	.02865	.02506	.02330	.01416	.00025	-.00028	-.02413	-.02505

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(RCM047) (03 OCT 91)

PARAMETRIC DATA

BETA = -1.000 PHI = 180.000

RUN NO. 1573/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
.601	-7.040	.66586	.70111	.59458	.52121	.10689	.96772	.92300	.89402	.82784	.50007
.600	-6.534	.67832	.71108	.60628	.53334	.11746	.95968	.92606	.89601	.81609	.48442
.600	-6.039	.69088	.72285	.62013	.54811	.13234	.95125	.92595	.89503	.80460	.47080
.601	-5.542	.70374	.73493	.63450	.56325	.14731	.94285	.92800	.89623	.79323	.45740
.600	-5.046	.71518	.74643	.64780	.57669	.16073	.93373	.92793	.89543	.78124	.44384
.601	-4.554	.73014	.76061	.66345	.59245	.17692	.92844	.93041	.89759	.77239	.43329
.600	-4.061	.73747	.76799	.67313	.60181	.18682	.91513	.92739	.89416	.75677	.41624
.600	-3.565	.75178	.78321	.68829	.61696	.20156	.90916	.93131	.89762	.74752	.40454
.601	-3.079	.76360	.79625	.70160	.63086	.21795	.89873	.92952	.89575	.73458	.39128
.600	-2.593	.77326	.80694	.71251	.64190	.22886	.88729	.92940	.89535	.72019	.37424
.600	-2.111	.78643	.82010	.72605	.65553	.24360	.88066	.93098	.89706	.71042	.36266
.600	-1.635	.79715	.83139	.73810	.66807	.25822	.87091	.93019	.89640	.69863	.35007
.601	-1.184	.80800	.84245	.75001	.68026	.27169	.86305	.93158	.89809	.68751	.33760
.600	-.750	.81625	.85182	.75991	.69069	.28419	.85356	.92869	.89558	.67569	.32491
.601	-.330	.82363	.85983	.76868	.69977	.29472	.84399	.92824	.89559	.66358	.31251
.600	.229	.83429	.87098	.78140	.71293	.30946	.83353	.92736	.89576	.64889	.29656
.600	.751	.84520	.88149	.79333	.72530	.32364	.82313	.92592	.89516	.63525	.28213
GRADIENT		.02220	.02346	.02488	.02551	.02827	-.01954	-.00051	-.00014	-.02553	-.02824

RUN NO. 1463/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
.800	-7.034	.74921	.78223	.67326	.59931	.16548	1.03903	1.01875	1.06426	.89851	.56254
.800	-6.520	.76118	.79300	.68675	.61416	.18013	1.03043	1.01947	1.06432	.88699	.54850
.800	-6.027	.77302	.80413	.69990	.62811	.19433	1.02215	1.02014	1.06429	.87569	.53466
.800	-5.527	.78515	.81540	.71340	.64193	.20939	1.01353	1.02077	1.06457	.86421	.52189
.800	-5.033	.79670	.82658	.72638	.65488	.22284	1.00545	1.02131	1.06466	.85306	.50841
.800	-4.537	.80792	.83727	.73956	.66781	.23681	.99699	1.02096	1.06395	.84182	.49527
.800	-4.040	.81961	.84980	.75291	.68117	.25165	.98863	1.02143	1.06430	.83087	.48209
.800	-3.545	.83066	.86236	.76568	.69353	.26571	.97961	1.02189	1.06444	.81894	.46817
.800	-3.053	.84200	.87479	.77864	.70683	.28045	.97030	1.02188	1.06449	.80667	.45388
.800	-2.562	.85282	.88644	.79077	.71936	.29458	.96145	1.02159	1.06429	.79458	.43986
.800	-2.078	.86321	.89824	.80256	.73159	.30854	.95252	1.02143	1.06433	.78297	.42654
.800	-1.602	.87342	.91010	.81408	.74359	.32215	.94371	1.02106	1.06423	.77149	.41351
.800	-1.135	.88335	.92072	.82507	.75511	.33520	.93526	1.02045	1.06401	.76005	.40053
.800	-.689	.89243	.93067	.83536	.76633	.34815	.92677	1.01985	1.06401	.74858	.38759
.800	-.253	.90062	.93937	.84528	.77659	.35994	.91845	1.01926	1.06393	.73751	.37551
.800	.258	.91015	.94925	.85667	.78834	.37368	.90866	1.01837	1.06376	.72372	.36078
.800	.818	.92109	.96015	.86916	.80133	.38938	.89740	1.01749	1.06355	.70853	.34409
GRADIENT		.02116	.02318	.02416	.02501	.02850	-.01857	-.00071	-.00012	-.02484	-.02818

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(RCMO47) (03 OCT 91)

PARAMETRIC DATA

BETA = -1.000 PHI = 180.000

RUN NO. 1497// 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CP01	CPU	CPC4	CPC5	CPC6	CP02
.900	-7.028	.80914	.84111	.73591	.66344	.23744	1.08713	1.11209	1.16327	.94904	.61893
.900	-6.518	.82077	.85139	.74873	.67719	.25093	1.07900	1.11312	1.16418	.93778	.60541
.901	-6.023	.83295	.86288	.76253	.69152	.26631	1.07132	1.11312	1.16410	.92757	.59332
.900	-5.527	.84395	.87354	.77465	.70434	.27927	1.06339	1.11335	1.16452	.91645	.57983
.900	-5.031	.85499	.88434	.78699	.71662	.29180	1.05528	1.11335	1.16478	.90549	.56661
.900	-4.534	.86581	.89480	.79987	.72923	.30563	1.04703	1.11279	1.16437	.89481	.55404
.900	-4.040	.87612	.90620	.81171	.74110	.31862	1.03807	1.11243	1.16435	.88341	.54023
.900	-3.545	.88734	.91893	.82439	.75392	.33277	1.02984	1.11243	1.16470	.87214	.52722
.900	-3.052	.89810	.93137	.83695	.76612	.34654	1.02103	1.11159	1.16432	.86060	.51361
.900	-2.564	.90809	.94233	.84833	.77790	.36004	1.01219	1.11071	1.16396	.84864	.50003
.900	-2.081	.91796	.95301	.85969	.78967	.37316	1.00372	1.11002	1.16395	.83748	.48713
.900	-1.604	.92783	.96370	.87068	.80116	.38632	.99542	1.10925	1.16391	.82620	.47468
.900	-1.142	.93747	.97373	.88154	.81249	.39944	.98718	1.10845	1.16362	.81530	.46224
.900	-.697	.94609	.98328	.89163	.82304	.41183	.97902	1.10738	1.16342	.80442	.44996
.900	-.264	.95405	.99230	.90112	.83330	.42331	.97127	1.10622	1.16342	.79379	.43832
.900	.295	.96400	1.00271	.91284	.84545	.43782	.96053	1.10453	1.16346	.77890	.42224
.900	.811	.97321	1.01244	.92383	.85690	.45113	.95061	1.10327	1.16334	.76535	.40687
GRADIENT		.02023	.02215	.02327	.02403	.02742	-.01793	-.00181	-.00024	-.02408	-.02730

RUN NO. 1480// 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CP01	CPU	CPC4	CPC5	CPC6	CP02
1.100	-7.018	.96277	.99144	.89345	.82644	.43991	1.21297	1.18302	1.26091	1.08476	.78299
1.100	-6.500	.97312	1.00145	.90589	.83911	.45258	1.20592	1.18416	1.26128	1.07470	.77066
1.100	-6.007	.98302	1.01098	.91735	.85069	.46471	1.19811	1.18492	1.26110	1.06419	.75811
1.100	-5.504	.99286	1.02047	.92871	.86209	.47678	1.19031	1.18506	1.26080	1.05390	.74553
1.100	-5.009	1.00291	1.03064	.94036	.87382	.48876	1.18322	1.18583	1.26094	1.04442	.73402
1.100	-4.502	1.01251	1.04046	.95094	.88484	.50061	1.17521	1.18604	1.26055	1.03392	.72176
1.100	-4.011	1.02190	1.05111	.96161	.89573	.51220	1.16759	1.18592	1.26009	1.02361	.70967
1.100	-3.512	1.03247	1.06310	.97333	.90772	.52478	1.15993	1.18651	1.26044	1.01345	.69792
1.100	-3.012	1.04169	1.07394	.98403	.91861	.53684	1.15111	1.18606	1.25970	1.00207	.68532
1.100	-2.518	1.05131	1.08462	.99479	.92985	.54917	1.14295	1.18637	1.25991	.99093	.67297
1.100	-2.028	1.06130	1.09529	1.00624	.94105	.56200	1.13611	1.18622	1.25968	.98136	.66224
1.100	-1.542	1.06984	1.10395	1.01593	.95116	.57342	1.12781	1.18571	1.25912	.97051	.65001
1.100	-1.059	1.07857	1.11298	1.02595	.96174	.58539	1.12015	1.18571	1.25930	.95999	.63808
1.100	-.588	1.08646	1.12197	1.03536	.97161	.59706	1.11190	1.18466	1.25840	.94947	.62621
1.100	-.136	1.09431	1.13070	1.04487	.98161	.60822	1.10443	1.18431	1.25828	.93991	.61528
1.100	.432	1.10352	1.14044	1.05595	.99310	.62145	1.09494	1.18340	1.25786	.92645	.60051
1.100	.927	1.11191	1.14904	1.06568	1.00366	.63349	1.08683	1.18315	1.25804	.91537	.58836
GRADIENT		.01835	.01999	.02118	.02189	.02459	-.01630	-.00057	-.00051	-.02181	-.02452

IA310 (AEDC 16TF-783) PROBE CALIBRATION (RCMO47) (03 OCT 91)

PARAMETRIC DATA

BETA = -1.000 PHI = 180.000

RUN NO. 1520/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.250	-7.027	1.02877	1.06177	.96268	.89377	.50609	1.28860	1.27757	1.33400	1.15204	.84553
1.250	-6.514	1.03957	1.07202	.97545	.90676	.51916	1.28099	1.27897	1.33501	1.14144	.83315
1.250	-6.016	1.04980	1.08188	.98670	.91834	.53121	1.27343	1.28044	1.33606	1.13106	.82094
1.250	-5.518	1.05888	1.09125	.99755	.92969	.54293	1.26353	1.27833	1.33533	1.12017	.80806
1.250	-5.019	1.06962	1.10154	1.00988	.94176	.55548	1.25558	1.27920	1.33411	1.11103	.79690
1.250	-4.525	1.07864	1.11127	1.02065	.95251	.56697	1.24688	1.27974	1.33445	1.10046	.78485
1.250	-4.029	1.08833	1.12121	1.03114	.96314	.57834	1.23908	1.27971	1.33416	1.09022	.77307
1.250	-3.531	1.09853	1.13268	1.04251	.97471	.59076	1.23082	1.27942	1.33381	1.07938	.76096
1.250	-3.040	1.10834	1.14371	1.05357	.98542	.60269	1.22233	1.27883	1.33326	1.06823	.74916
1.250	-2.551	1.11876	1.15498	1.06513	.99725	.61547	1.21484	1.27903	1.33354	1.05791	.73803
1.250	-2.063	1.12768	1.16464	1.07538	1.00785	.62705	1.20653	1.27857	1.33324	1.04711	.72654
1.250	-1.582	1.13641	1.17411	1.08538	1.01821	.63850	1.19875	1.27755	1.33235	1.03610	.71527
1.250	-1.113	1.14538	1.18402	1.09560	1.02871	.65004	1.19131	1.27687	1.33200	1.02605	.70432
1.250	-.660	1.15393	1.19366	1.10551	1.03919	.66148	1.18411	1.27738	1.33289	1.01645	.69383
1.250	-.222	1.16117	1.20197	1.11438	1.04858	.67153	1.17592	1.27632	1.33239	1.00656	.68328
1.250	.291	1.16967	1.21041	1.12415	1.05878	.68313	1.16651	1.27492	1.33145	.99393	.67002
1.250	.848	1.17972	1.22057	1.13571	1.07077	.69623	1.15688	1.27443	1.33155	.98119	.65593
	GRADIENT	.01886	.02058	.02153	.02214	.02423	-.01666	-.00100	-.00053	-.02216	-.02379

RUN NO. 1536/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.400	-7.024	1.03604	1.08478	.97901	.90846	.51912	1.32371	1.32116	1.37012	1.17899	.86648
1.400	-6.511	1.04623	1.09501	.99114	.92060	.53081	1.31354	1.32042	1.36873	1.16687	.85308
1.400	-6.014	1.05689	1.10611	1.00403	.93343	.54317	1.30459	1.32192	1.36975	1.15616	.84113
1.400	-5.515	1.06592	1.11557	1.01478	.94418	.55382	1.29361	1.32105	1.36839	1.14357	.82766
1.400	-5.021	1.07756	1.12761	1.02815	.95707	.56643	1.28582	1.32194	1.36910	1.13387	.81645
1.400	-4.522	1.08609	1.13651	1.03777	.96682	.57670	1.27498	1.32111	1.36794	1.12147	.80322
1.400	-4.027	1.09826	1.14946	1.05083	.97988	.58978	1.26724	1.32202	1.36865	1.11179	.79233
1.400	-3.528	1.10889	1.16085	1.06250	.99143	.60197	1.25693	1.32278	1.36938	1.10009	.77959
1.400	-3.032	1.11928	1.17188	1.07395	1.00285	.61349	1.24644	1.32126	1.36780	1.08822	.76670
1.400	-2.542	1.12942	1.18258	1.08506	1.01421	.62536	1.23635	1.32125	1.36792	1.07604	.75398
1.399	-2.054	1.13873	1.19310	1.09586	1.02515	.63675	1.22660	1.32034	1.36714	1.06433	.74161
1.400	-1.576	1.14912	1.20409	1.10669	1.03584	.64843	1.21894	1.32015	1.36711	1.05349	.73009
1.400	-1.106	1.15873	1.21481	1.11699	1.04643	.65992	1.21073	1.32045	1.36770	1.04246	.71865
1.400	-.649	1.16818	1.22582	1.12768	1.05706	.67126	1.20222	1.31948	1.36720	1.03166	.70727
1.400	-.203	1.17636	1.23511	1.13751	1.06710	.68153	1.19297	1.31770	1.36589	1.02103	.69567
1.400	.308	1.18764	1.24668	1.15021	1.08066	.69604	1.18442	1.31902	1.36775	1.00958	.68422
1.400	.860	1.19704	1.25691	1.16179	1.09272	.70920	1.17231	1.31671	1.36597	.99403	.66887
	GRADIENT	.02055	.02241	.02286	.02316	.02442	-.01902	-.00088	-.00042	-.02366	-.02499

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(RCMO47) (03 OCT 91)

PARAMETRIC DATA

BETA = -1.000 PHI = 180.000

RUN NO. 1554/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CP02
1.449	-7.037	1.02002	1.08411	.97698	.90748	.52039	1.32183	1.33505	1.37525	1.18040	.87183
1.450	-6.525	1.03051	1.09460	.98891	.91987	.53134	1.31147	1.33781	1.37765	1.16858	.85887
1.450	-6.029	1.03973	1.10579	1.00129	.93239	.54304	1.29951	1.33648	1.37592	1.15703	.84646
1.450	-5.532	1.05053	1.11712	1.01410	.94485	.55489	1.28971	1.33748	1.37661	1.14608	.83438
1.450	-5.035	1.06040	1.12734	1.02568	.95623	.56603	1.27950	1.33685	1.37572	1.13373	.82156
1.450	-4.542	1.07124	1.13799	1.03710	.96744	.57743	1.27072	1.33753	1.37620	1.12239	.80903
1.450	-4.048	1.08185	1.15035	1.05008	.97985	.59021	1.26050	1.33753	1.37614	1.11218	.79761
1.450	-3.554	1.09172	1.16135	1.06137	.99047	.60129	1.24914	1.33581	1.37439	1.10014	.78419
1.451	-3.066	1.10487	1.17582	1.07621	1.00511	.61615	1.24017	1.33858	1.37730	1.09150	.77417
1.449	-2.580	1.11245	1.18448	1.08515	1.01403	.62560	1.22654	1.33717	1.37604	1.07678	.75911
1.450	-2.099	1.12192	1.19535	1.09616	1.02581	.63794	1.21672	1.33541	1.37445	1.06519	.74748
1.450	-1.622	1.13381	1.20735	1.10827	1.03843	.65038	1.21026	1.33692	1.37621	1.05461	.73675
1.450	-1.166	1.14308	1.21790	1.11823	1.04865	.66119	1.20143	1.33469	1.37432	1.04259	.72502
1.450	-.735	1.15433	1.23111	1.13011	1.05993	.67308	1.19403	1.33436	1.37443	1.03258	.71434
1.450	-.314	1.16309	1.24194	1.14050	1.06991	.68383	1.18543	1.33436	1.37496	1.02170	.70253
1.449	.246	1.17445	1.25328	1.15302	1.08279	.69906	1.17285	1.33183	1.37326	1.00750	.68787
1.450	.770	1.18420	1.26396	1.16495	1.09415	.71228	1.16123	1.33188	1.37391	.99254	.67420
GRADIENT		.02149	.02397	.02400	.02400	.02530	-.02023	-.00110	-.00048	-.02444	-.02538

RUN NO. 1638/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CP02
1.470	-7.033	.98447	1.06525	.95809	.89019	.50738	1.29148	1.25916	1.20148	1.15955	.85365
1.471	-6.526	.99416	1.07676	.97090	.90315	.51921	1.28114	1.26020	1.20143	1.14708	.84088
1.470	-6.029	1.00356	1.08746	.98225	.91415	.52945	1.27031	1.26069	1.20089	1.13457	.82778
1.471	-5.533	1.01539	1.10010	.99589	.92754	.54160	1.26056	1.26216	1.20147	1.12444	.81618
1.470	-5.035	1.02357	1.10986	1.00706	.93829	.55166	1.24648	1.26233	1.20086	1.11172	.80290
1.470	-4.542	1.03370	1.12007	1.01912	.95011	.56287	1.23539	1.26323	1.20117	1.10005	.79108
1.470	-4.043	1.04333	1.13044	1.03075	.96166	.57384	1.22377	1.26310	1.20054	1.08868	.77875
1.469	-3.552	1.05407	1.14144	1.04256	.97338	.58525	1.21261	1.26233	1.19939	1.07671	.76644
1.470	-3.065	1.06549	1.15380	1.05468	.98536	.59740	1.20236	1.26376	1.20044	1.06509	.75463
1.470	-2.573	1.07613	1.16605	1.06660	.99708	.60921	1.19178	1.26431	1.20071	1.05406	.74316
1.470	-2.095	1.08363	1.17610	1.07707	1.00783	.62046	1.18037	1.26363	1.19986	1.04228	.73151
1.470	-1.621	1.09350	1.18725	1.08830	1.01938	.63242	1.17145	1.26395	1.19997	1.03222	.72099
1.471	-1.158	1.10257	1.19711	1.09805	1.02947	.64364	1.16203	1.26418	1.20008	1.02123	.70979
1.470	-.719	1.11049	1.20608	1.10640	1.03814	.65337	1.15202	1.26412	1.19992	1.00997	.69799
1.470	-.293	1.11904	1.21582	1.11617	1.04777	.66423	1.14203	1.26330	1.19920	.99926	.68585
1.471	.215	1.13171	1.22777	1.12876	1.06039	.67883	1.13318	1.26395	1.19998	.98783	.67323
1.484	.782	1.14314	1.23865	1.14120	1.07315	.69332	1.12041	1.26248	1.19875	.97355	.65960
GRADIENT		.02034	.02253	.02281	.02304	.02444	-.02148	.00006	-.00027	-.02369	-.02463

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(RCMO47) (03 OCT 91)

PARAMETRIC DATA

BETA = -1.000 PHI = 180.000

RUN NO. 1589/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPC4	CPC5	CPC6	CPC7
1.492	-7.036	.92782	1.05750	.94936	.88267	.50614	1.25195	1.28741	1.36060
1.492	-6.524	.93410	1.06899	.96170	.89512	.51616	1.23579	1.28860	1.36098
1.492	-6.022	.93741	1.08029	.97380	.90716	.52614	1.21998	1.28864	1.36043
1.492	-5.531	.94160	1.09132	.98533	.91881	.53625	1.20334	1.28853	1.35980
1.492	-5.033	.94344	1.10205	.99756	.93111	.54757	1.18460	1.28919	1.36009
1.492	-4.534	.94847	1.11208	1.00872	.94224	.55802	1.16762	1.28947	1.36005
1.493	-4.045	.95581	1.12302	1.02140	.95460	.56995	1.15324	1.29056	1.36090
1.492	-3.550	.96065	1.13426	1.03361	.96675	.58192	1.13609	1.29113	1.36138
1.492	-3.056	.96221	1.14571	1.04532	.97811	.59367	1.11549	1.29031	1.36040
1.492	-2.573	.96422	1.15711	1.05644	.98903	.60501	1.09596	1.28991	1.35996
1.492	-2.086	.97098	1.16936	1.06826	1.00076	.61748	1.08107	1.28995	1.36005
1.492	-1.615	.97451	1.17981	1.07834	1.01085	.62842	1.06335	1.28941	1.35963
1.492	-1.149	.98122	1.19032	1.08897	1.02143	.64034	1.04881	1.28943	1.35979
1.492	-.711	.98859	1.19923	1.09800	1.03053	.65163	1.03587	1.28852	1.35921
1.492	-.278	.99707	1.20794	1.10665	1.03910	.66192	1.02372	1.28807	1.35915
1.492	.231	1.01123	1.21868	1.11800	1.05017	.67326	1.01328	1.28741	1.35894
1.492	.796	1.02842	1.22951	1.13031	1.06273	.68612	1.00338	1.28661	1.35863
1.492	GRADIENT	.01333	.02232	.02264	.02244	.02422	-.03231	-.00067	-.00041

RUN NO. 1605/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPC4	CPC5	CPC6	CPC7
1.514	-7.040	.78629	1.06004	.94902	.88285	.50690	1.15414	1.31038	1.35383
1.515	-6.523	.78262	1.07236	.96148	.89561	.51990	1.12719	1.31051	1.35339
1.514	-6.027	.77681	1.08255	.97213	.90667	.53031	1.09848	1.30848	1.35081
1.514	-5.530	.77614	1.09321	.98286	.91750	.54078	1.07297	1.30645	1.34827
1.514	-5.033	.78625	1.10572	.99591	.93086	.55277	1.05516	1.30756	1.34828
1.514	-4.538	.79203	1.11521	1.00666	.94156	.56248	1.03565	1.31117	1.35178
1.514	-4.044	.79085	1.12456	1.01787	.95250	.57261	1.01064	1.31114	1.35158
1.514	-3.554	.78776	1.13665	1.03147	.96591	.58477	.98507	1.31141	1.35171
1.515	-3.060	.78979	1.14793	1.04361	.97789	.59638	.95967	1.31074	1.35101
1.514	-2.573	.79655	1.15816	1.05479	.98858	.60737	.93903	1.30959	1.34990
1.514	-2.084	.80737	1.17137	1.06670	1.00007	.61931	.92326	1.30890	1.34921
1.514	-1.614	.81723	1.18493	1.07890	1.01134	.63089	.90555	1.30835	1.34883
1.514	-1.153	.82615	1.19771	1.08934	1.02099	.64122	.87885	1.30637	1.34710
1.514	-.709	.83571	1.21190	1.10104	1.03262	.65240	.85057	1.30533	1.34637
1.514	-.281	.84724	1.22342	1.11174	1.04306	.66179	.82695	1.30491	1.34636
1.514	.232	.85764	1.23485	1.12446	1.05573	.67412	.85579	1.30390	1.34582
1.514	.799	.87735	1.24644	1.13876	1.07021	.68898	.84941	1.30358	1.34593
1.515	GRADIENT	.01669	.02557	.02472	.02391	.02370	-.03528	-.00169	-.00136

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(RCMO47) (03 OCT 91)

PARAMETRIC DATA

BETA = -1.000 PHI = 180.000

RUN NO. 1620/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPC1	CPC2	CPC3	CPC1	CPC2	CPC3	CPC4	CPC5	CPC6	CPC2
1.541	-7.035	.61912	1.07359	.94860	.88327	.50607	.96606	.96606	1.29768	1.31115	1.15403	.85316			
1.541	-6.523	.63178	1.08317	.95963	.89428	.51924	.94614	.94614	1.29850	1.31127	1.14142	.84000			
1.541	-6.027	.64467	1.08967	.96971	.90444	.53140	.92791	.92791	1.29729	1.30931	1.12892	.82682			
1.541	-5.530	.65830	1.09439	.97934	.91466	.54311	.91270	.91270	1.29627	1.30775	1.11675	.81407			
1.540	-5.038	.67243	1.09687	.98919	.92534	.55412	.89942	.89942	1.29570	1.30672	1.10484	.80166			
1.540	-4.534	.68956	1.09736	.99553	.93584	.56482	.88868	.88868	1.29648	1.30710	1.09282	.78936			
1.541	-4.040	.71345	1.09490	1.00794	.94652	.57611	.88253	.88253	1.29815	1.30833	1.08095	.77754			
1.541	-3.549	.75097	1.07891	1.01444	.95606	.58706	.88921	.88921	1.29884	1.30867	1.06821	.76492			
1.541	-3.056	.81048	1.05396	1.02363	.96863	.59926	.92376	.92376	1.29710	1.30651	1.05673	.75283			
1.541	-2.574	.84911	1.05530	1.04236	.98488	.61192	.94161	.94161	1.29957	1.30850	1.04595	.74122			
1.541	-2.090	.87110	1.06180	1.05822	.99767	.62232	.94807	.94807	1.30162	1.31007	1.03348	.72845			
1.541	-1.614	.89137	1.06674	1.07247	1.00887	.63222	.95094	.95094	1.29705	1.30500	1.02117	.71562			
1.541	-1.149	.91031	1.07709	1.08792	1.02104	.64336	.95388	.95388	1.30143	1.30842	1.01012	.70353			
1.542	-.710	.92962	1.09305	1.10428	1.03462	.65549	.95853	.95853	1.29765	1.30455	1.00110	.69282			
1.541	-.280	.94364	1.11172	1.11854	1.04582	.66471	.95810	.95810	1.29960	1.30658	.99046	.68171			
1.542	.231	.95735	1.13891	1.13455	1.05887	.67532	.95438	.95438	1.29730	1.30478	.97799	.66816			
1.541	.796	.96898	1.18439	1.14942	1.07258	.68963	.94802	.94802	1.29452	1.30292	.96446	.65529			
	GRADIENT	.05443	.01350	.02989	.02633	.02342	.01465	.01465	-.00015	-.00079	-.02405	-.02541			

IA310 (AEDC 16TF-783) PROBE CALIBRATION (RCM048) (03 OCT 91)

PARAMETRIC DATA

BETA = -.500 PHI = 180.000

RUN NO. 1574/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
.600	-7.023	.66660	.70019	.59336	.51974	.10422	.96786	.92716	.89601	.82738	.49786
.599	-6.514	.68153	.71351	.60884	.53536	.12021	.96048	.92811	.89600	.81672	.48506
.599	-6.011	.69180	.72357	.62053	.54750	.13259	.95036	.92793	.89479	.80368	.46929
.600	-5.513	.70765	.73850	.63716	.56462	.15019	.94538	.93179	.89821	.79525	.45897
.601	-5.021	.71714	.74849	.64848	.57653	.16336	.93410	.92939	.89521	.78187	.44476
.600	-4.523	.72772	.75928	.65997	.58840	.17510	.92463	.93052	.89578	.76913	.42972
.600	-4.026	.74113	.77219	.67422	.60293	.18974	.91741	.93136	.89636	.75852	.41723
.600	-3.528	.75358	.78553	.68840	.61752	.20484	.90809	.93212	.89688	.74674	.40383
.600	-3.030	.76564	.79799	.70166	.63096	.21838	.89861	.93365	.89819	.73395	.38920
.601	-2.537	.77616	.80929	.71388	.64355	.23251	.88775	.93047	.89502	.72106	.37531
.600	-2.049	.78865	.82306	.72773	.65729	.24593	.87968	.93205	.89839	.70979	.36127
.601	-1.561	.79953	.83426	.74016	.67021	.26090	.86996	.93205	.89695	.69786	.34844
.601	-1.088	.80918	.84474	.75159	.68184	.27406	.85939	.92988	.89509	.68533	.33437
.600	-.654	.81790	.85422	.76227	.69278	.28671	.85139	.92973	.89528	.67408	.32139
.600	-.310	.82524	.86184	.77112	.70216	.29739	.84586	.93011	.89627	.66574	.31292
.601	.248	.83690	.87398	.78442	.71581	.31224	.83622	.92943	.89658	.65160	.29849
.601	.828	.84598	.88242	.79470	.72686	.32596	.82208	.92621	.89426	.63341	.27984
	GRADIENT	.02224	.02347	.02550	.02613	.02849	-.01923	-.00074	-.00026	-.02520	-.02804

RUN NO. 1464/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
.800	-7.018	.75145	.78280	.67430	.60048	.16685	1.03913	1.01467	1.06264	.89859	.56258
.800	-6.507	.76285	.79417	.68753	.61416	.18109	1.03084	1.01569	1.06300	.88735	.54867
.800	-6.006	.77405	.80496	.69983	.62737	.19536	1.02171	1.01595	1.06248	.87528	.53428
.800	-5.505	.78610	.81674	.71311	.64112	.20990	1.01369	1.01630	1.06251	.86427	.52139
.800	-5.010	.79854	.82898	.72652	.65481	.22454	1.00613	1.01772	1.06345	.85369	.50870
.800	-4.515	.80943	.84004	.73886	.66741	.23821	.99751	1.01765	1.06302	.84233	.49522
.800	-4.014	.82054	.85184	.75157	.68045	.25240	.98839	1.01761	1.06263	.83067	.48128
.800	-3.518	.83207	.86450	.76516	.69354	.26697	.97954	1.01819	1.06312	.81879	.46744
.800	-3.022	.84325	.87616	.77791	.70655	.28137	.97025	1.01762	1.06247	.80663	.45325
.800	-2.530	.85433	.88841	.79081	.71964	.29588	.96137	1.01769	1.06270	.79447	.43905
.800	-2.033	.86458	.90073	.80330	.73242	.30954	.95210	1.01723	1.06238	.78266	.42528
.800	-1.549	.87560	.91273	.81581	.74518	.32376	.94330	1.01720	1.06259	.77139	.41219
.800	-1.072	.88566	.92385	.82753	.75734	.33769	.93409	1.01617	1.06187	.75923	.39841
.800	-.620	.89409	.93305	.83777	.76863	.35065	.92646	1.01565	1.06185	.74839	.38633
.802	-.218	.89768	.93823	.84448	.77571	.35907	.91494	1.01703	1.06470	.73534	.37244
.800	.329	.91842	.95650	.86385	.79518	.37939	.91501	1.01844	1.06729	.72747	.36246
.800	.886	.91948	.95963	.86899	.80105	.38991	.89397	1.00911	1.05915	.70580	.34088
	GRADIENT	.02102	.02294	.02470	.02538	.02848	-.01850	-.00080	.00002	-.02472	-.02818

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(RCMO48) (03 OCT 91)

PARAMETRIC DATA

BETA = -.500 PHI = 180.000

RUN NO. 1498/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
.900	-7.016	.81052	.84163	.73648	.66373	.23769	1.08729	1.09843	1.16189	.94898	.61833
.900	-6.503	.82237	.85296	.74971	.67725	.25229	1.07920	1.09930	1.16242	.93800	.60541
.900	-6.006	.83361	.86347	.76203	.69005	.26592	1.07110	1.09940	1.16244	.92702	.59206
.900	-5.504	.84483	.87483	.77437	.70339	.28000	1.06309	1.09915	1.16209	.91614	.57921
.900	-5.012	.85604	.88592	.78649	.71580	.29297	1.05507	1.09918	1.16207	.90543	.56623
.900	-4.510	.86675	.89690	.79874	.72824	.30627	1.04692	1.09927	1.16221	.89501	.55333
.900	-4.012	.87742	.90833	.81094	.74063	.31973	1.03836	1.09989	1.16308	.88338	.53977
.900	-3.520	.88847	.92036	.82366	.75385	.33389	1.02975	1.09869	1.16210	.87214	.52660
.900	-3.017	.90083	.93276	.83742	.76739	.34862	1.02248	1.10315	1.16709	.86153	.51395
.901	-2.524	.90879	.94199	.84770	.77786	.36137	1.01125	1.10150	1.16569	.84813	.49921
.900	-2.031	.92017	.95459	.86077	.79103	.37565	1.00389	1.09920	1.16390	.83796	.48705
.900	-1.547	.92827	.96457	.87094	.80149	.38755	.99299	1.09443	1.15963	.82475	.47271
.900	-1.070	.94049	.97789	.88431	.81512	.40231	.98742	1.09639	1.16225	.81536	.46111
.900	-.623	.94832	.98664	.89419	.82557	.41450	.97916	1.09151	1.16115	.80432	.44838
.900	-.259	.95453	.99349	.90217	.83432	.42427	.97220	1.08903	1.15970	.79506	.43830
.900	.313	.96402	1.00325	.91341	.84573	.43789	.96093	1.08996	1.16194	.77902	.42161
.900	.881	.97409	1.01378	.92548	.85825	.45309	.94976	1.08392	1.15698	.76437	.40524
GRADIENT		.02005	.02204	.02372	.02431	.02738	-.01790	-.00232	-.00093	-.02403	-.02733

RUN NO. 1483/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.100	-7.012	.96293	.99162	.89492	.82693	.44032	1.21373	1.28476	1.29929	1.08483	.78310
1.100	-6.497	.97323	1.00112	.90595	.83849	.45276	1.20599	1.28412	1.29915	1.07434	.77041
1.100	-5.998	.98303	1.01058	.91701	.85019	.46495	1.19829	1.28252	1.29824	1.06390	.75802
1.100	-5.499	.99333	1.02071	.92839	.86205	.47721	1.19115	1.28253	1.29886	1.05408	.74629
1.100	-5.005	1.00264	1.03041	.93869	.87317	.48887	1.18332	1.28083	1.29784	1.04412	.73396
1.100	-4.500	1.01333	1.04106	.95035	.88527	.50108	1.17635	1.28060	1.29838	1.03442	.72231
1.100	-4.001	1.02261	1.05114	.96137	.89645	.51271	1.16805	1.27891	1.29757	1.02408	.71016
1.100	-3.506	1.03261	1.06161	.97284	.90796	.52496	1.16006	1.27796	1.29749	1.01339	.69768
1.100	-3.005	1.04282	1.07258	.98489	.92006	.53784	1.15275	1.27717	1.29748	1.00312	.68583
1.100	-2.509	1.05224	1.08279	.99607	.93084	.55014	1.14413	1.27562	1.29720	.99212	.67355
1.100	-2.010	1.06191	1.09326	1.00688	.94194	.56267	1.13667	1.27452	1.29690	.98188	.66215
1.100	-1.518	1.07059	1.10335	1.01723	.95238	.57463	1.12856	1.27307	1.29659	.97128	.65006
1.100	-1.025	1.07941	1.11425	1.02812	.96345	.58690	1.12093	1.27106	1.29604	.96072	.63790
1.100	-.571	1.08692	1.12300	1.03753	.97325	.59824	1.11309	1.26930	1.29553	.95034	.62630
1.100	-.102	1.09493	1.13173	1.04739	.98359	.60964	1.10575	1.26721	1.29537	.94036	.61509
1.100	.440	1.10354	1.14043	1.05730	.99424	.62144	1.09619	1.26421	1.29454	.92741	.60075
1.100	.966	1.11235	1.14958	1.06777	1.00503	.63422	1.08746	1.26254	1.29455	.91554	.58784
GRADIENT		.01818	.02017	.02160	.02199	.02453	-.01617	-.00327	-.00069	-.02168	-.02452

(RCM048) (03 OCT 91)

PARAMETRIC DATA

BETA = -.500 PHI = 180.000

RUN NO. 1521/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.250	-7.018	1.03001	1.06250	.96324	.89363	.50685	1.28858	1.27187	1.33014	1.15204	.84542
1.250	-6.503	1.04068	1.07286	.97523	.90589	.51977	1.28105	1.27307	1.33075	1.14117	.83302
1.250	-6.004	1.05073	1.08291	.98669	.91782	.53228	1.27311	1.27311	1.33031	1.13088	.82084
1.250	-5.504	1.06081	1.09329	.99777	.92951	.54459	1.26446	1.27342	1.32026	1.12063	.80855
1.250	-5.005	1.07005	1.10267	1.00843	.94056	.55578	1.25526	1.27315	1.32972	1.11047	.79632
1.250	-4.505	1.07925	1.11236	1.01899	.95153	.56722	1.24674	1.27302	1.32934	1.10020	.78419
1.250	-4.012	1.08924	1.12285	1.03014	.96284	.57936	1.23896	1.27310	1.32926	1.09025	.77269
1.250	-3.513	1.10040	1.13452	1.04247	.97543	.59235	1.23154	1.27359	1.32965	1.08007	.76125
1.250	-3.014	1.10975	1.14449	1.05336	.98597	.60410	1.22242	1.27363	1.32960	1.06854	.74890
1.250	-2.520	1.11925	1.15535	1.06451	.99699	.61622	1.21387	1.27299	1.32907	1.05761	.73705
1.250	-2.024	1.12914	1.16673	1.07611	1.00867	.62859	1.20677	1.27164	1.32770	1.04747	.72626
1.250	-1.536	1.13906	1.17803	1.08765	1.02034	.64093	1.19994	1.27310	1.32944	1.03704	.71508
1.250	-1.055	1.14674	1.18709	1.09722	1.03019	.65200	1.19087	1.27233	1.32901	1.02573	.70283
1.250	-.604	1.15428	1.19577	1.10682	1.04048	.66295	1.18263	1.26997	1.32691	1.01585	.69182
1.249	-.192	1.16222	1.20374	1.11582	1.04983	.67283	1.17645	1.27080	1.32841	1.00674	.68247
1.250	.354	1.17215	1.21328	1.12684	1.06129	.68550	1.16717	1.26857	1.32680	.99401	.66895
1.250	.910	1.18138	1.22225	1.13712	1.07201	.69794	1.15703	1.26821	1.32705	.98067	.65476
	GRADIENT	.01883	.02064	.02201	.02241	.02424	-.01649	-.00095	-.00049	-.02203	-.02379

RUN NO. 1537/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.399	-7.017	1.03718	1.08554	.97891	.90713	.51925	1.32331	1.31482	1.36540	1.17810	.86577
1.400	-6.496	1.04693	1.09555	.99077	.91896	.53088	1.31278	1.31406	1.36395	1.16575	.85213
1.400	-5.997	1.05796	1.10768	1.00396	.93218	.54381	1.30462	1.31550	1.36488	1.15589	.84093
1.400	-5.497	1.06701	1.11795	1.01485	.94319	.55477	1.29358	1.31547	1.36435	1.14342	.82744
1.400	-5.009	1.07779	1.12962	1.02698	.95524	.56678	1.28538	1.31583	1.36437	1.13363	.81619
1.400	-4.505	1.08736	1.13961	1.03726	.96608	.57811	1.27517	1.31550	1.36376	1.12172	.80331
1.399	-4.011	1.09929	1.15215	1.04998	.97911	.59060	1.26721	1.31594	1.36401	1.11182	.79201
1.400	-3.512	1.10949	1.16195	1.06064	.98991	.60212	1.25608	1.31612	1.36406	1.09918	.77835
1.400	-3.013	1.12073	1.17409	1.07359	1.00287	.61481	1.24647	1.31563	1.36350	1.08861	.76645
1.400	-2.518	1.13101	1.18545	1.08572	1.01492	.62682	1.23667	1.31606	1.36397	1.07662	.75374
1.400	-2.022	1.13966	1.19600	1.09665	1.02589	.63797	1.22646	1.31411	1.36217	1.06426	.74078
1.400	-1.530	1.15168	1.20903	1.10953	1.03855	.65104	1.22004	1.31540	1.36363	1.05415	.72982
1.400	-1.053	1.16035	1.21924	1.11954	1.04885	.66336	1.21042	1.31504	1.36357	1.04224	.71732
1.400	-.595	1.16984	1.22977	1.13041	1.05963	.67368	1.20208	1.31350	1.36243	1.03167	.70578
1.400	-.177	1.17740	1.23744	1.13910	1.06892	.68329	1.19340	1.31208	1.36185	1.02181	.69520
1.400	.373	1.18821	1.24848	1.15168	1.08203	.69727	1.18288	1.31225	1.36274	1.00752	.68154
1.400	.918	1.19887	1.25923	1.16409	1.09492	.71140	1.17256	1.30978	1.36095	.99338	.66806
	GRADIENT	.02043	.02226	.02337	.02364	.02445	-.01889	-.00098	-.00045	-.02360	-.02501

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(RCMO48) (03 OCT 91)

PARAMETRIC DATA

BETA = - .500 PHI = 180.000

RUN NO. 1555/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.450	-7.016	1.02245	1.08620	.97892	.90763	.52151	1.32289	1.33065	1.37279	1.18095	.87258
1.450	-6.507	1.03231	1.09699	.99103	.91998	.53272	1.31195	1.33147	1.37316	1.16884	.85950
1.449	-6.008	1.04079	1.10803	.99262	.93180	.54374	1.29946	1.33098	1.37223	1.15694	.84535
1.450	-5.509	1.05096	1.11851	1.01388	.94292	.55499	1.28872	1.33125	1.37205	1.14498	.83334
1.450	-5.011	1.06015	1.12897	1.02486	.95407	.56617	1.27872	1.33177	1.37231	1.13333	.82125
1.449	-4.518	1.07047	1.13996	1.03586	.96515	.57748	1.26919	1.33096	1.37127	1.12151	.80821
1.450	-4.015	1.08208	1.15237	1.04855	.97760	.59031	1.25978	1.33083	1.37104	1.11146	.79664
1.449	-3.521	1.09367	1.16497	1.06179	.99054	.60344	1.24934	1.33130	1.37157	1.10067	.78440
1.450	-3.024	1.10467	1.17706	1.07473	1.00352	.61631	1.23793	1.33212	1.37248	1.09003	.77216
1.449	-2.526	1.11379	1.18846	1.08681	1.01550	.62767	1.22627	1.33085	1.37130	1.07718	.75896
1.450	-2.038	1.12374	1.19966	1.09810	1.02737	.63985	1.21670	1.33053	1.37117	1.06502	.74723
1.450	-1.555	1.13442	1.21096	1.10917	1.03896	.65163	1.20890	1.32928	1.37019	1.05264	.73479
1.451	-1.082	1.14703	1.22386	1.12151	1.05151	.66452	1.20209	1.32997	1.37125	1.04138	.72307
1.451	-.643	1.15645	1.23495	1.13235	1.06208	.67519	1.19284	1.32959	1.37118	1.02998	.71122
1.450	-.299	1.16324	1.24443	1.14229	1.07126	.68404	1.18513	1.32755	1.36980	1.02221	.70182
1.450	.266	1.17592	1.25478	1.15368	1.08306	.70094	1.17393	1.32666	1.36983	1.00788	.68776
1.451	.841	1.18768	1.26702	1.16678	1.09555	.71505	1.16220	1.32590	1.36978	.99213	.67380
	GRADIENT	.02186	.02399	.02451	.02457	.02552	-.01979	-.00099	-.00034	-.02431	-.02530

RUN NO. 1639/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.470	-7.019	.98549	1.06638	.95919	.88873	.50745	1.29136	1.26322	1.19813	1.15885	.85285
1.470	-6.504	.99384	1.07781	.97131	.90100	.51882	1.27951	1.26433	1.19823	1.14609	.83974
1.469	-6.005	1.00384	1.09003	.98284	.91232	.52953	1.26939	1.26465	1.19761	1.13399	.82673
1.470	-5.507	1.01515	1.10264	.99538	.92491	.54177	1.25864	1.26610	1.19810	1.12310	.81486
1.470	-5.013	1.02507	1.11441	1.00789	.93749	.55352	1.24671	1.26687	1.19823	1.11231	.80336
1.470	-4.510	1.03350	1.12295	1.01777	.94753	.56332	1.23435	1.26634	1.19702	1.09905	.79001
1.470	-4.017	1.04456	1.13388	1.02984	.95996	.57538	1.22358	1.26732	1.19747	1.08849	.77831
1.470	-3.518	1.05592	1.14501	1.04172	.97213	.58709	1.21307	1.26778	1.19757	1.07661	.76584
1.484	-3.020	1.06681	1.15725	1.05453	.98486	.59921	1.20183	1.26826	1.19777	1.06559	.75400
1.470	-2.533	1.07546	1.16853	1.06667	.99685	.61050	1.18961	1.26770	1.19704	1.05354	.74149
1.470	-2.040	1.08533	1.17988	1.07870	1.00903	.62262	1.18009	1.26741	1.19654	1.04243	.73022
1.470	-1.551	1.09487	1.19101	1.08974	1.02053	.63435	1.17066	1.26785	1.19688	1.03150	.71847
1.470	-1.075	1.10413	1.20117	1.10020	1.03138	.64624	1.16060	1.26836	1.19737	1.02038	.70638
1.470	-.639	1.11266	1.21059	1.10975	1.04146	.65726	1.15131	1.26827	1.19737	1.01006	.69542
1.470	-.258	1.12107	1.21897	1.11840	1.04963	.66606	1.14363	1.26697	1.19548	1.00008	.68565
1.470	.287	1.13365	1.23038	1.13121	1.06239	.68132	1.13185	1.26697	1.19661	.98646	.67174
1.470	.864	1.14527	1.24140	1.14418	1.07604	.69575	1.11930	1.26603	1.19597	.97181	.65748
	GRADIENT	.02046	.02230	.02349	.02384	.02453	-.02129	-.00011	-.00025	-.02358	-.02465

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(RCMO48) (03 OCT 91)

PARAMETRIC DATA

BETA = -.500 PHI = 180.000

RUN NO. 1590/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.492	-7.017	.92791	1.05894	.95062	.88152	.50607	1.25098	1.28620	1.35754	1.15003	.84641
1.492	-6.508	.93416	1.07185	.96314	.89414	.51641	1.23506	1.28701	1.35760	1.13778	.83332
1.492	-6.004	.93740	1.08401	.97517	.90588	.52643	1.21952	1.28743	1.35740	1.12655	.82072
1.492	-5.511	.94118	1.09602	.98732	.91799	.53721	1.20226	1.28822	1.35755	1.11501	.80860
1.492	-5.012	.94370	1.10514	.99749	.92840	.54701	1.18392	1.28868	1.35758	1.10224	.79616
1.492	-4.514	.94857	1.11533	1.00874	.94005	.55827	1.16638	1.28886	1.35731	1.09026	.78416
1.492	-4.016	.95375	1.12564	1.02079	.95227	.57018	1.14972	1.28903	1.35720	1.07877	.77279
1.493	-3.523	.95741	1.13705	1.03297	.96481	.58271	1.13097	1.28907	1.35699	1.06656	.76068
1.492	-3.024	.96071	1.14777	1.04473	.97688	.59437	1.11202	1.28837	1.35611	1.05364	.74753
1.492	-2.531	.96235	1.15979	1.05723	.98933	.60637	1.09228	1.28858	1.35627	1.04191	.73519
1.492	-2.039	.96806	1.17280	1.07014	1.00217	.61893	1.07599	1.28844	1.35624	1.03103	.72382
1.492	-1.549	.97418	1.18398	1.08093	1.01296	.63030	1.06005	1.28797	1.35592	1.01957	.71145
1.493	-1.078	.97912	1.19453	1.09172	1.02392	.64254	1.04399	1.28813	1.35633	1.00836	.69955
1.493	-.629	.98677	1.20316	1.10094	1.03349	.65378	1.03172	1.28784	1.35632	.99737	.68804
1.492	-.244	.99353	1.20988	1.10758	1.03999	.66284	1.01935	1.28624	1.35559	.98702	.67917
1.492	.302	1.01101	1.22220	1.12102	1.05926	.67482	1.00840	1.28586	1.35597	.97443	.66575
1.492	.872	1.02951	1.23274	1.13347	1.06603	.68966	1.00008	1.28480	1.35549	.96111	.65181
	GRADIENT	.01338	.02222	.02316	.02331	.02440	-.03224	-.00070	-.00029	-.02400	-.02471

RUN NO. 1606/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.515	-7.022	.78897	1.06400	.95220	.88438	.50882	1.15612	1.30470	1.34831	1.15616	.85363
1.515	-6.502	.78058	1.07485	.96291	.89511	.52005	1.12494	1.30548	1.34850	1.14279	.83932
1.514	-6.004	.78168	1.08571	.97422	.90669	.53100	1.10200	1.30666	1.34917	1.13095	.82662
1.515	-5.510	.78277	1.09688	.98546	.91819	.54195	1.07706	1.30849	1.35062	1.11970	.81392
1.515	-5.012	.79034	1.10682	.99591	.92883	.55211	1.05776	1.30772	1.34949	1.10764	.80119
1.515	-4.514	.79106	1.11745	1.00779	.94068	.56322	1.03330	1.30614	1.34763	1.09748	.78938
1.515	-4.016	.78773	1.12766	1.01949	.95224	.57389	1.00860	1.30686	1.34817	1.08573	.77665
1.514	-3.518	.78468	1.13720	1.03026	.96331	.58437	98029	1.30623	1.34741	1.07237	.76296
1.515	-3.019	.79392	1.14989	1.04351	.97667	.59723	96204	1.30708	1.34822	1.06039	.75120
1.514	-2.531	.80092	1.16125	1.05574	.98872	.60892	94158	1.30708	1.34724	1.04753	.73859
1.514	-2.038	.81076	1.17372	1.06749	1.00035	.62062	92468	1.30495	1.34615	1.03449	.72597
1.514	-1.548	.82053	1.18752	1.08070	1.01302	.63301	90790	1.30521	1.34658	1.02289	.71467
1.514	-1.072	.82775	1.19988	1.09259	1.02435	.64444	89148	1.30463	1.34609	1.00985	.70181
1.514	-.633	.83693	1.21236	1.10384	1.03538	.65574	.88038	1.30342	1.34520	.99910	.69078
1.514	-.245	.85482	1.22299	1.11394	1.04504	.66400	.87708	1.30196	1.34428	.98993	.68150
1.514	.301	.86419	1.23777	1.12773	1.05858	.67623	.85629	1.29989	1.34269	.97447	.66718
1.514	.871	.87792	1.24860	1.14102	1.07183	.69009	.84453	1.29894	1.34219	.96010	.65371
	GRADIENT	.01765	.02521	.02504	.02456	.02384	-.03450	-.00140	-.00108	-.02555	-.02519

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(RCMO48) (03 OCT 91)

PARAMETRIC DATA

RUN NO. 1621/ O		RN/L = 2.49		GRADIENT INTERVAL = -5.00/ 5.00		BETA =		- .500		PHI = 180.000	
MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.541	-7.017	.62077	1.07434	.94951	.88292	.50608	.96408	1.29400	1.30200	1.15356	.85306
1.541	-6.502	.63474	1.08366	.95976	.89296	.51812	.94431	1.29519	1.30235	1.14044	.83933
1.541	-6.009	.64888	1.09122	.97072	.90406	.53114	.92828	1.29709	1.30371	1.12933	.82730
1.542	-5.505	.66387	1.09736	.98225	.91624	.54402	.91452	1.30052	1.30660	1.11846	.81571
1.542	-5.012	.67811	1.09879	.99098	.92598	.55432	.90013	1.30205	1.30769	1.10576	.80279
1.541	-4.514	.69444	1.09666	.99871	.93478	.56391	.88844	1.30072	1.30592	1.09233	.78932
1.542	-4.016	.71860	1.09260	1.00728	.94505	.57531	.88318	1.29822	1.30315	1.07998	.77713
1.541	-3.518	.75893	1.07753	1.01556	.95613	.58779	.89391	1.29664	1.30120	1.06895	.76532
1.542	-3.020	.81658	1.05222	1.02540	.96901	.60049	.92774	1.29732	1.30148	1.05680	.75244
1.541	-2.527	.85042	1.05471	1.04293	.98506	.61266	.94194	1.29797	1.30166	1.04506	.73996
1.541	-2.034	.87362	1.05978	1.05960	.99884	.62374	.94845	1.29828	1.30154	1.03276	.72710
1.542	-1.549	.89695	1.07056	1.07672	1.01289	.63599	.95462	1.29974	1.30249	1.02266	.71573
1.541	-1.077	.91772	1.08203	1.09275	1.02588	.64788	.95885	1.30055	1.30284	1.01169	.70354
1.541	-.632	.93291	1.09308	1.10614	1.03636	.65775	.95993	1.30044	1.30264	1.00092	.69095
1.541	-.245	.94714	1.10742	1.11955	1.04654	.66553	.96124	1.29903	1.30157	.99022	.67981
1.542	.303	.96195	1.14317	1.13856	1.06246	.67724	.95653	1.29655	1.30026	.97684	.66661
1.542	.879	.97398	1.18853	1.15406	1.07634	.69176	.95053	1.29517	1.30003	.96403	.65591
	GRADIENT	.05368	.01423	.03035	.02698	.02374	.01478	-.00026	-.00057	-.02379	-.02529

(RCMO49) (03 OCT 91)

IA310 (AEDC 16TF-783) PROBE CALIBRATION

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 1575/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
.599	-6.997	.66570	.70119	.59422	.52042	.10437	.96518	.92133	.89359	.82559	.49607
.600	-6.488	.68124	.71375	.60918	.53575	.12002	.95839	.92311	.89477	.81560	.48360
.599	-5.990	.69300	.72511	.62251	.54938	.13360	.95021	.92473	.89556	.80410	.46921
.600	-5.492	.70591	.73723	.63651	.56430	.14905	.94164	.92525	.89562	.79266	.45618
.600	-4.994	.71638	.74800	.64857	.57695	.16223	.93173	.92553	.89543	.78008	.44224
.600	-4.490	.72938	.76138	.66319	.59187	.17743	.92384	.92669	.89595	.76914	.42905
.600	-3.991	.74160	.77409	.67742	.60567	.19072	.91550	.92709	.89596	.75809	.41555
.600	-3.487	.75262	.78615	.69024	.61871	.20502	.90482	.92733	.89587	.74447	.40107
.600	-2.987	.76511	.79928	.70335	.63212	.21888	.89576	.92809	.89658	.73204	.38644
.600	-2.482	.77652	.81154	.71616	.64534	.23341	.88517	.92622	.89473	.71922	.37216
.601	-1.976	.78900	.82437	.72943	.65884	.24836	.87673	.92782	.89654	.70818	.35901
.600	-1.468	.80027	.83552	.74179	.67147	.26182	.86655	.92875	.89701	.69575	.34375
.600	-.954	.81248	.84771	.75565	.68567	.27769	.85732	.92732	.89647	.68342	.32970
.600	-.420	.82245	.85945	.76808	.69829	.29229	.84631	.92682	.89652	.66946	.31431
.600	-.075	.82937	.86635	.77621	.70690	.30094	.84233	.91543	.89730	.66065	.30647
.600	.472	.83996	.87702	.78840	.71979	.31707	.83151	.91349	.89576	.64607	.29150
.600	.984	.84950	.88676	.79951	.73132	.33026	.82037	.91271	.89555	.63112	.27633
	GRADIENT	.02242	.02341	.02528	.02586	.02820	-.01869	-.00207	.00010	-.02477	-.02783

RUN NO. 1465/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
.800	-7.003	.75234	.78475	.67591	.60163	.16769	1.03887	1.00598	1.05936	.89895	.56259
.800	-6.492	.76361	.79530	.68874	.61493	.18169	1.03003	1.00716	1.05963	.88715	.54805
.800	-5.986	.77478	.80603	.70110	.62841	.19603	1.02108	1.00790	1.05941	.87541	.53399
.800	-5.491	.78728	.81868	.71525	.64310	.21110	1.01345	1.00941	1.06028	.86476	.52134
.800	-4.991	.79860	.82967	.72789	.65593	.22506	1.00468	1.00972	1.06005	.85327	.50783
.800	-4.490	.80944	.84074	.74027	.66852	.23832	.99587	1.00980	1.05974	.84148	.49370
.800	-3.990	.82104	.85287	.75390	.68203	.25303	.98745	1.01032	1.06002	.83039	.48018
.800	-3.489	.83197	.86563	.76696	.69466	.26714	.97809	1.01068	1.06018	.81809	.46585
.800	-2.988	.84327	.87829	.78006	.70813	.28198	.96876	1.01018	1.05957	.80607	.45165
.800	-2.487	.85492	.89078	.79319	.72158	.29717	.96009	1.01027	1.05974	.79451	.43807
.800	-1.980	.86488	.90146	.80455	.73333	.31029	.95021	1.00964	1.05924	.78195	.42297
.800	-1.477	.87648	.91317	.81707	.74645	.32540	.94160	1.00956	1.05937	.77050	.40976
.800	-.971	.88635	.92425	.82876	.75851	.33905	.93137	1.00889	1.05899	.75703	.39436
.800	-.451	.89659	.93594	.84104	.77172	.35387	.92215	1.00842	1.05897	.74429	.37972
.800	.083	.90797	.94752	.85479	.78609	.37093	.91301	1.00927	1.05927	.73119	.36749
.801	.489	.91529	.95537	.86373	.79553	.38204	.90564	1.00576	1.05886	.72069	.35562
.800	1.006	.92536	.96535	.87493	.80713	.39583	.89531	1.00512	1.05903	.70628	.33964
	GRADIENT	.02124	.02290	.02460	.02535	.02866	-.01825	-.00078	-.00020	-.02437	-.02794

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(RCMO49) (03 OCT 91)

PARAMETRIC DATA

RUN NO. 1499/ 0		RN/L =		2.50		GRADIENT INTERVAL =		-5.00/ 5.00		BETA =		.000 PHI =		180.000	
ALPHA	CPC1	CPC2	CPC3	CPC4	CPC5	CPC6	CPC7	CPC8	CPC9	CPC10	CPC11	CPC12	CPC13	CPC14	CPC15
-7.001	.84492	.73955	.66645	.23984	1.08928	1.08253	1.15939	.95093	.61986						
-6.487	.85409	.75096	.67823	.25315	1.07884	1.08661	1.16292	.93789	.60519						
-5.985	.86421	.76289	.69086	.26635	1.07015	1.08697	1.16292	.92556	.59145						
-5.483	.87497	.77527	.70419	.27999	1.06173	1.08604	1.16187	.91546	.57799						
-4.991	.88654	.78782	.71696	.29339	1.05365	1.08487	1.16050	.90483	.56522						
-4.489	.89760	.80016	.72942	.30654	1.04595	1.08379	1.15937	.89462	.55228						
-3.986	.90913	.81324	.74234	.32021	1.03720	1.08307	1.15867	.88309	.53861						
-3.489	.92180	.82582	.75510	.33442	1.02825	1.08262	1.15832	.87161	.52532						
-2.981	.93401	.83860	.76757	.34828	1.01962	1.08259	1.15853	.86001	.51152						
-2.478	.94547	.85059	.77995	.36242	1.01077	1.08215	1.15836	.84833	.49791						
-1.980	.95603	.86190	.79174	.37579	1.00189	1.08177	1.15820	.83682	.48456						
-1.475	.96751	.87389	.80430	.39001	.99319	1.08162	1.15864	.82517	.47119						
-.966	.97866	.88574	.81647	.40415	.98416	1.08073	1.15833	.81299	.45704						
-.448	.98946	.89745	.82886	.41803	.97501	1.07999	1.15822	.80026	.44243						
.048	.99899	.90852	.84061	.43141	.96629	1.07766	1.15826	.78798	.43032						
.481	1.00723	.91793	.85047	.44316	.95860	1.07653	1.15807	.77671	.41744						
.997	1.01703	.92913	.86205	.45744	.94877	1.07565	1.15786	.76379	.40351						
GRADIENT	.02026	.02361	.02429	.02748	-.01755	-.00137	-.00027	-.02358	-.02703						

RUN NO. 1484/ 0		RN/L =		2.50	GRADIENT INTERVAL =		-5.00/	5.00		
MACH	ALPHA	CPC1	CPC2	CPC3	CPC1	CPU	CPC4	CPC5	CPC6	CPC2
1.100	-7.006	.96322	.99209	.82683	.44030	1.21305	1.25439	1.29209	1.08465	.78281
1.100	-6.492	.97402	.90676	.83885	.45315	1.20570	1.25437	1.29230	1.07424	.77011
1.100	-5.995	.98359	.91790	.85036	.46519	1.19833	1.25363	1.29176	1.06422	.75809
1.100	-5.492	.99367	.92940	.86234	.47765	1.19073	1.25342	1.29181	1.05417	.74596
1.100	-4.992	1.00383	.94073	.87446	.48974	1.18396	1.25351	1.29220	1.04507	.73427
1.100	-4.488	1.01318	.95136	.88532	.50133	1.17578	1.25236	1.29145	1.03470	.72210
1.100	-3.995	1.02301	.96295	.89704	.51322	1.16776	1.25168	1.29128	1.02425	.70978
1.100	-3.496	1.03293	.97457	.90853	.52554	1.15974	1.25103	1.29123	1.01385	.69757
1.100	-2.997	1.04257	.98595	.92014	.53805	1.15155	1.24985	1.29069	1.00296	.68488
1.100	-2.498	1.05264	.99744	.93138	.55046	1.14375	1.24905	1.29069	.99247	.67295
1.100	-1.996	1.06176	1.00772	.94213	.56282	1.13577	1.24778	1.29020	.98178	.66089
1.100	-1.487	1.07080	1.01847	.95329	.57513	1.12776	1.24676	1.28988	.97123	.64872
1.100	-.989	1.07990	1.02909	.96429	.58776	1.12015	1.24561	1.28987	.96035	.63625
1.100	-.486	1.08820	1.03933	.97502	.60004	1.11199	1.24387	1.28918	.94940	.62360
1.100	.001	1.09606	1.04937	.98550	.61202	1.10381	1.24278	1.28922	.93809	.61108
1.100	.513	1.10488	1.05942	.99637	.62371	1.09542	1.23927	1.28904	.92744	.59975
1.100	1.014	1.11382	1.06999	1.00740	.63570	1.08734	1.23754	1.28840	.91600	.58781
GRADIENT		.01833	.02156	.02214	.02456	-.01602	-.00252	-.00057	-.02147	-.02447

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(RCMO49) (03 OCT 91)

PARAMETRIC DATA

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.250	-7.001	1.03074	1.06330	.96400	.89412	.50723	1.28825	1.26539	1.32614	1.15164	.84507
1.250	-6.485	1.04126	1.07350	.97600	.90641	.51996	1.28073	1.26663	1.32678	1.14118	.83257
1.250	-5.987	1.05024	1.08271	.98665	.91757	.53180	1.27173	1.26483	1.32452	1.13008	.81972
1.250	-5.488	1.06150	1.09429	.99924	.93088	.54506	1.26406	1.26597	1.32519	1.12115	.80849
1.250	-4.984	1.07032	1.10285	1.00984	.94166	.55615	1.25444	1.26632	1.32521	1.11039	.79559
1.250	-4.486	1.07887	1.11216	1.02034	.95240	.56754	1.24521	1.26601	1.32449	1.09991	.78345
1.250	-3.988	1.09039	1.12435	1.03297	.96493	.58066	1.23886	1.26644	1.32476	1.09069	.77254
1.250	-3.489	1.09928	1.13460	1.04329	.97537	.59191	1.22928	1.26600	1.32406	1.07892	.75949
1.250	-2.987	1.11040	1.14664	1.05549	.98713	.60489	1.22219	1.26566	1.32368	1.06899	.74840
1.250	-2.483	1.12042	1.15764	1.06668	.99875	.61757	1.21416	1.26581	1.32381	1.05840	.73672
1.250	-1.978	1.13016	1.16824	1.07756	1.01000	.62964	1.20652	1.26641	1.32449	1.04781	.72518
1.250	-1.478	1.13877	1.17819	1.08778	1.02032	.64132	1.19804	1.26663	1.32490	1.03602	.71256
1.250	-.980	1.14762	1.18826	1.09847	1.03135	.65350	1.18925	1.26422	1.32265	1.02497	.70043
1.249	-.462	1.15704	1.19820	1.10957	1.04315	.66615	1.18060	1.26456	1.32336	1.01365	.68765
1.250	.102	1.16616	1.20769	1.12082	1.05536	.68051	1.17022	1.26313	1.32269	1.00092	.67450
1.250	.502	1.17342	1.21411	1.12837	1.06331	.68880	1.16382	1.26069	1.32131	.99084	.66513
1.250	1.009	1.18374	1.22492	1.13985	1.07499	.70172	1.15630	1.26108	1.32225	.97983	.65386
GRADIENT		.01885	.02047	.02165	.02222	.02433	-.01640	-.00085	-.00049	-.02183	-.02375

BETA =

.000

PHI =

180.000

RUN NO. 1522/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.400	-7.005	1.03772	1.08602	.97976	.90809	.51984	1.32224	1.30649	1.36006	1.17777	.86524
1.400	-6.490	1.04882	1.09719	.99299	.92136	.53236	1.31336	1.30732	1.35995	1.16662	.85261
1.400	-5.987	1.05787	1.10718	1.00433	.93299	.54359	1.30341	1.30812	1.36031	1.15499	.83969
1.400	-5.487	1.06711	1.11747	1.01618	.94468	.55505	1.29254	1.30781	1.35950	1.14288	.82651
1.400	-4.989	1.07811	1.12949	1.02914	.95739	.56745	1.28438	1.30830	1.35941	1.13303	.81518
1.400	-4.485	1.08848	1.14045	1.04029	.96877	.57891	1.27527	1.30936	1.36017	1.12199	.80315
1.400	-3.993	1.09851	1.15210	1.05171	.98024	.59063	1.26507	1.30798	1.35856	1.11062	.79055
1.400	-3.489	1.11032	1.16465	1.06427	.99292	.60338	1.25569	1.30825	1.35872	1.09973	.77800
1.400	-2.987	1.12052	1.17581	1.07562	1.00452	.61552	1.24491	1.30789	1.35820	1.08817	.76530
1.400	-2.484	1.13157	1.18749	1.08774	1.01668	.62795	1.23608	1.30880	1.35914	1.07680	.75281
1.400	-1.981	1.14041	1.19732	1.09789	1.02683	.63910	1.22579	1.30778	1.35820	1.06410	.73938
1.400	-1.483	1.15207	1.20997	1.11067	1.03985	.65243	1.21871	1.30826	1.35889	1.05357	.72784
1.399	-.979	1.16103	1.22024	1.12078	1.05011	.66359	1.20821	1.30728	1.35807	1.03991	.71350
1.400	-.468	1.17160	1.23221	1.13358	1.06292	.67719	1.19917	1.30636	1.35743	1.02835	.70141
1.400	.091	1.18250	1.24388	1.14740	1.07774	.69255	1.18850	1.30548	1.35735	1.01451	.68763
1.400	.501	1.19123	1.25207	1.15599	1.08673	.70219	1.18158	1.30414	1.35723	1.00485	.67900
1.400	1.006	1.19968	1.26074	1.16593	1.09702	.71412	1.17043	1.30332	1.35699	.99071	.66606
GRADIENT		.02042	.02220	.02303	.02346	.02460	-.01882	-.00080	-.00042	-.02363	-.02503

RUN NO. 1538/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(RCMO49) (03 OCT 91)

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 1556/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.450	-6.956	1.02454	1.08756	.98162	.91090	.52388	1.32169	1.32105	1.36880	1.17948	.87088
1.450	-6.487	1.03224	1.09640	.99199	.92166	.53338	1.31036	1.32116	1.36830	1.16806	.85828
1.450	-5.983	1.04217	1.10806	1.00483	.93447	.54540	1.29918	1.32122	1.36754	1.15697	.84612
1.450	-5.484	1.05175	1.11887	1.01681	.94632	.55684	1.28791	1.32191	1.36792	1.14475	.83300
1.450	-4.980	1.06260	1.13056	1.02914	.95840	.56881	1.27969	1.32202	1.36759	1.13424	.82173
1.450	-4.481	1.07156	1.14157	1.03988	.96877	.57969	1.26867	1.32201	1.36739	1.12197	.80801
1.451	-3.982	1.08377	1.15532	1.05332	.98196	.59322	1.25920	1.32252	1.36764	1.11220	.79689
1.450	-3.483	1.09434	1.16715	1.06528	.99356	.60544	1.24811	1.32274	1.36786	1.10098	.78390
1.450	-2.979	1.10407	1.17830	1.07644	1.00490	.61737	1.23561	1.32129	1.36644	1.08931	.77022
1.450	-2.475	1.11496	1.19015	1.08887	1.01761	.63061	1.22575	1.32150	1.36669	1.07804	.75881
1.449	-1.969	1.12385	1.19921	1.09818	1.02774	.64135	1.21461	1.32139	1.36680	1.06393	.74463
1.450	-1.466	1.13558	1.21097	1.10967	1.03960	.65423	1.20697	1.31981	1.36534	1.05094	.73202
1.450	-.954	1.14916	1.22625	1.12356	1.05329	.66845	1.19950	1.32128	1.36708	1.03931	.72001
1.449	-.423	1.15913	1.23789	1.13528	1.06456	.68035	1.18692	1.31981	1.36612	1.02459	.70550
1.450	-.081	1.16586	1.24310	1.14291	1.07327	.69133	1.18055	1.29403	1.35583	1.01766	.69589
1.450	.477	1.17872	1.25560	1.15610	1.08642	.70552	1.17105	1.29363	1.35550	1.00290	.68309
1.451	.445	1.17905	1.25567	1.15602	1.08629	.70545	1.17237	1.29247	1.35537	1.00447	.67472
1.450	.987	1.19052	1.26861	1.16947	1.09936	.71983	1.16064	1.29140	1.35465	.99076	.67200
	GRADIENT	.02147	.02296	.02331	.02359	.02525	-.01971	-.00538	-.00224	-.02423	-.02528

RUN NO. 1640/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.471	-6.954	.98706	1.06770	.96132	.89158	.50996	1.28984	1.26337	1.19534	1.15761	.85122
1.485	-6.486	.99499	1.07764	.97258	.90304	.52034	1.27919	1.26408	1.19521	1.14637	.83959
1.484	-5.987	1.00472	1.08886	.98434	.91447	.53113	1.26872	1.26432	1.19469	1.13390	.82648
1.471	-5.489	1.01634	1.10190	.99790	.92791	.54361	1.25855	1.26626	1.19609	1.12366	.81471
1.485	-4.985	1.02416	1.11198	1.00908	.93907	.55407	1.24449	1.26564	1.19492	1.11083	.80174
1.470	-4.486	1.03405	1.12288	1.02078	.95045	.56478	1.23321	1.26475	1.19353	1.09923	.78923
1.484	-3.982	1.04494	1.13525	1.03330	.96291	.57681	1.22234	1.26594	1.19424	1.08820	.77720
1.470	-3.489	1.05654	1.14791	1.04549	.97522	.58888	1.21238	1.26687	1.19475	1.07703	.76510
1.471	-2.980	1.06780	1.16009	1.05747	.98728	.60138	1.20104	1.26694	1.19466	1.06584	.75276
1.470	-2.476	1.07582	1.17025	1.06805	.99782	.61259	1.18804	1.26595	1.19342	1.05359	.73972
1.470	-1.976	1.08646	1.18108	1.07977	1.01002	.62506	1.17871	1.26639	1.19373	1.04249	.72771
1.485	-1.469	1.09557	1.19189	1.09080	1.02131	.63697	1.16803	1.26674	1.19397	1.03017	.71449
1.484	-.958	1.10558	1.20287	1.10182	1.03301	.64961	1.15744	1.26673	1.19399	1.01775	.70134
1.470	-.438	1.11657	1.21319	1.11294	1.04451	.66239	1.14689	1.26605	1.19342	1.00411	.68732
1.470	-.080	1.12608	1.22445	1.12446	1.05527	.67383	1.13774	1.26209	1.19159	.99568	.67877
1.470	.487	1.13705	1.23323	1.13535	1.06708	.68662	1.12709	1.26132	1.19100	.98128	.66486
1.470	.997	1.14948	1.24470	1.14814	1.08050	.70071	1.11856	1.26249	1.19228	.96966	.65405
	GRADIENT	.02061	.02217	.02302	.02345	.02449	-.02129	-.00058	-.00048	-.02367	-.02499

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(RCM049) (03 OCT 91)

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 1591/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPC01	CPU	CPC4	CPC5	CPC6	CPO2
1.492	-6.954	.92872	1.05981	.95278	.88459	.50871	1.24861	1.27866	1.35321	1.14896	.84484
1.492	-6.486	.93383	1.07042	.96430	.89600	.51768	1.23389	1.27976	1.35365	1.13787	.83279
1.492	-5.988	.93844	1.08221	.97699	.90847	.52818	1.21955	1.28072	1.35410	1.12691	.82056
1.492	-5.484	.93893	1.09225	.98786	.91945	.53772	1.19920	1.28078	1.35364	1.11362	.80691
1.492	-4.991	.94302	1.10324	.99998	.93161	.54890	1.18190	1.28088	1.35328	1.10203	.79546
1.493	-4.487	.94746	1.11416	1.01192	.94338	.55994	1.16440	1.28065	1.35267	1.09049	.78369
1.493	-3.989	.95400	1.12576	1.02409	.95540	.57151	1.14840	1.28124	1.35298	1.07859	.77168
1.493	-3.484	.95821	1.13949	1.03694	.96814	.58408	1.12979	1.28180	1.35331	1.06645	.75937
1.493	-2.986	.96026	1.15227	1.04880	.97985	.59619	1.10957	1.28158	1.35304	1.05389	.74640
1.492	-2.477	.96247	1.16421	1.05981	.99115	.60782	1.09005	1.28062	1.35197	1.04177	.73349
1.493	-1.978	.96869	1.17639	1.07183	1.00343	.62055	1.07390	1.28131	1.35274	1.03090	.72176
1.492	-1.472	.97573	1.18655	1.08251	1.01438	.63240	1.05790	1.28074	1.35222	1.01870	.70845
1.493	-.964	.97964	1.19676	1.09374	1.02585	.64507	1.03951	1.28059	1.35231	1.00629	.69538
1.492	-.443	.98768	1.20636	1.10442	1.03714	.65803	1.02422	1.28016	1.35210	.99307	.68217
1.492	-.090	.99685	1.21624	1.11241	1.04385	.66566	1.01160	1.27352	1.34963	.98526	.67516
1.492	.492	1.01642	1.22776	1.12610	1.05782	.68060	1.00436	1.27338	1.34978	.97216	.66184
1.493	.995	1.03034	1.23657	1.13731	1.06996	.69392	.99535	1.27289	1.34967	.95928	.65020
	GRADIENT	.01301	.02254	.02278	.02295	.02422	-.03264	-.00133	-.00059	-.02384	-.02457

RUN NO. 1607/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPC01	CPU	CPC4	CPC5	CPC6	CPO2
1.515	-7.006	.79209	1.06249	.95353	.88622	.51060	1.15671	1.29784	1.34344	1.15569	.85323
1.514	-6.491	.78486	1.07398	.96533	.89824	.52244	1.12717	1.29879	1.34371	1.14305	.83924
1.515	-5.987	.78268	1.08531	.97763	.91056	.53395	1.10174	1.30078	1.34537	1.13201	.82729
1.515	-5.483	.78493	1.09593	.98894	.92214	.54474	1.07797	1.30222	1.34648	1.12014	.81404
1.515	-4.990	.79048	1.10610	.99959	.93293	.55435	1.05673	1.30264	1.34661	1.10851	.80093
1.514	-4.492	.79233	1.11712	1.01137	.94439	.56488	1.03383	1.30331	1.34701	1.09725	.78838
1.515	-3.983	.79146	1.12847	1.02337	.95597	.57574	1.01041	1.29810	1.34144	1.08503	.77528
1.515	-3.484	.78800	1.14349	1.03789	.97028	.58816	.98260	1.30013	1.34345	1.07479	.76377
1.514	-2.986	.79153	1.15318	1.04685	.97896	.59708	.95728	1.29815	1.34128	1.05844	.74786
1.515	-2.483	.80462	1.16897	1.06166	.99345	.61111	.94401	1.29732	1.34039	1.04816	.73722
1.514	-1.978	.81133	1.18285	1.07362	1.00502	.62299	.92324	1.29866	1.34183	1.03488	.72405
1.514	-1.471	.81802	1.19620	1.08524	1.01607	.63470	.90290	1.29991	1.34324	1.02070	.71014
1.515	-.962	.83111	1.21036	1.09899	1.02992	.64838	.89137	1.30043	1.34399	1.00878	.69843
1.514	-.448	.83872	1.22117	1.10970	1.04102	.66003	.87369	1.29835	1.34209	.99316	.68373
1.515	-.095	.85643	1.22709	1.11674	1.04824	.66814	.86082	1.28540	1.33657	.98621	.67856
1.515	.493	.86822	1.24133	1.13108	1.06177	.68206	.84832	1.28356	1.33485	.97166	.66466
1.515	1.001	.87884	1.25229	1.14432	1.07467	.69510	.83654	1.28346	1.33509	.95804	.65349
	GRADIENT	.01557	.02504	.02411	.02366	.02364	-.03696	-.00287	-.00159	-.02536	-.02491

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(RCMO49) (03 OCT 91)

PARAMETRIC DATA

RUN NO. 1622/ 0		RN/L =		GRADIENT INTERVAL = -5.00/ 5.00		BETA =		.000 PHI = 180.000			
MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPC1	CPU	CPC4	CPC5	CPC6	CP02
1.542	-6.954	.62524	1.07421	.95112	.88417	.50779	.96136	1.29126	1.29999	1.15148	.85112
1.542	-6.491	.63833	1.08246	.96073	.89372	.51916	.94435	1.29178	1.29996	1.14027	.83916
1.542	-5.987	.65188	1.09050	.97206	.90546	.53227	.92723	1.29236	1.30000	1.12891	.82702
1.542	-5.489	.66633	1.09337	.98138	.91542	.54341	.91165	1.29270	1.29994	1.11612	.81370
1.541	-4.990	.68059	1.09547	.99103	.92600	.55399	.89848	1.29241	1.29923	1.10417	.80124
1.541	-4.487	.69842	1.09369	1.00020	.93649	.56491	.88862	1.29278	1.29931	1.09219	.78893
1.541	-3.983	.72229	1.08942	1.01010	.94819	.57683	.88412	1.29325	1.29945	1.08035	.77696
1.542	-3.485	.76010	1.07264	1.01868	.95935	.58859	.89404	1.29345	1.29940	1.06826	.76417
1.541	-2.982	.81648	1.05062	1.02847	.97175	.60027	.92659	1.29317	1.29876	1.05583	.75069
1.541	-2.478	.85017	1.05302	1.04554	.98674	.61251	.94050	1.29370	1.29888	1.04382	.73784
1.541	-1.978	.87500	1.06289	1.06276	1.00120	.62475	.94766	1.29399	1.29882	1.03260	.72556
1.541	-1.472	.89625	1.07217	1.07868	1.01449	.63649	.95139	1.29451	1.29879	1.02035	.71241
1.541	-.962	.91817	1.08479	1.09675	1.02917	.64948	.95569	1.29509	1.29896	1.00858	.69930
1.541	-.441	.93606	1.10268	1.11372	1.04236	.66153	.95649	1.29490	1.29866	.99612	.68588
1.541	.142	.95692	1.13310	1.13249	1.05687	.67217	.95612	1.29392	1.29847	.98214	.67147
1.541	.478	.96755	1.16140	1.14574	1.06809	.68367	.95499	1.29152	1.29880	.97377	.66790
1.541	.996	.97451	1.20373	1.15778	1.07980	.69653	.94718	1.28999	1.29855	.96190	.65759
1.542	GRADIENT	.05282	.01457	.02923	.02633	.02375	.01281	-.00009	-.00014	-.02377	-.02465

(RCMO50) (03 OCT 91)

IA310 (AEDC 16TF-783) PROBE CALIBRATION

PARAMETRIC DATA

BETA = .500 PHI = 180.000

RUN NO. 1576/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
.599	-6.980	.66528	.69800	.59302	.51909	.10425	.96387	.90735	.89432	.82576	.49570
.600	-6.468	.67953	.71099	.60840	.53516	.11983	.95597	.90874	.89464	.81457	.48189
.600	-5.967	.69277	.72430	.62367	.55035	.13443	.94796	.91031	.89516	.80339	.46809
.600	-5.464	.70473	.73583	.63729	.56427	.14828	.93885	.91093	.89500	.79151	.45427
.600	-4.966	.71884	.75001	.65261	.57966	.16355	.93267	.91359	.89696	.78217	.44253
.600	-4.462	.72981	.76367	.66503	.59259	.17782	.92254	.91265	.89545	.76944	.42823
.600	-3.951	.74023	.77474	.67724	.60526	.19072	.91196	.91304	.89517	.75643	.41317
.600	-3.448	.75397	.78943	.69204	.62024	.20570	.90465	.91482	.89668	.74587	.40024
.601	-2.937	.76557	.80212	.70488	.63355	.22104	.89387	.91429	.89577	.73251	.38570
.600	-2.431	.77711	.81394	.71756	.64651	.23447	.88406	.91434	.89564	.72004	.37072
.600	-1.912	.79096	.82791	.73230	.66139	.24991	.87595	.91709	.89841	.70916	.35660
.601	-1.392	.80163	.83785	.74413	.67386	.26505	.86519	.91513	.89659	.69598	.34253
.601	-.855	.81086	.84726	.75564	.68558	.27911	.85152	.91239	.89414	.68008	.32507
.600	-.299	.82439	.86109	.77108	.70137	.29564	.84388	.91498	.89703	.66700	.31016
.600	.254	.83547	.87321	.78447	.71552	.31121	.83369	.91415	.89699	.65302	.29668
.600	.670	.84260	.88049	.79298	.72444	.32216	.82551	.91167	.89520	.64160	.28599
.600	1.102	.85135	.88920	.80283	.73495	.33447	.81710	.91056	.89479	.62925	.27437
	GRADIENT	.02210	.02291	.02497	.02573	.02829	-.01900	-.00022	-.00008	-.02497	-.02786

RUN NO. 1466/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
.800	-6.986	.75075	.78168	.67428	.60007	.16717	1.03607	1.00001	1.05624	.89764	.56106
.800	-6.478	.76300	.79409	.68892	.61523	.18224	1.02789	1.00119	1.05668	.88634	.54714
.800	-5.974	.77399	.80523	.70186	.62873	.19586	1.01883	1.00142	1.05624	.87442	.53333
.800	-5.470	.78697	.81796	.71646	.64340	.21118	1.01158	1.00311	1.05727	.86407	.52027
.800	-4.971	.79817	.82912	.72916	.65616	.22481	1.00283	1.00329	1.05678	.85270	.50645
.800	-4.471	.80934	.84287	.74167	.66902	.23888	.99401	1.00359	1.05668	.84124	.49276
.800	-3.969	.82078	.85427	.75498	.68262	.25370	.98567	1.00402	1.05674	.83053	.47946
.800	-3.461	.83206	.86769	.76794	.69547	.26842	.97651	1.00428	1.05697	.81845	.46505
.800	-2.954	.84335	.87994	.78092	.70865	.28320	.96744	1.00422	1.05666	.80626	.45050
.800	-2.449	.85450	.89168	.79333	.72155	.29743	.95779	1.00421	1.05666	.79394	.43567
.800	-1.938	.86493	.90299	.80544	.73429	.31226	.94843	1.00403	1.05653	.78212	.42201
.800	-1.424	.87602	.91423	.81761	.74674	.32580	.93887	1.00332	1.05613	.76945	.40660
.800	-.900	.88745	.92524	.83050	.76015	.34100	.92916	1.00332	1.05651	.75625	.39181
.800	-.362	.89828	.93707	.84362	.77441	.35783	.91977	1.00264	1.05619	.74319	.37780
.800	.178	.90821	.94821	.85601	.78734	.37232	.90925	1.00148	1.05589	.72874	.36255
.800	.628	.91736	.95789	.86700	.79889	.38567	.90174	1.00062	1.05594	.71757	.35141
.800	1.084	.92596	.96660	.87691	.80914	.39880	.89252	.99940	1.05563	.70516	.33858
	GRADIENT	.02117	.02259	.02443	.02532	.02870	-.01825	-.00060	-.00019	-.02435	-.02790

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(RCMO50) (03 OCT 91)

PARAMETRIC DATA

BETA = .500 PHI = 180.000

RUN NO. 1500/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
.900	-6.987	.81134	.84144	.73713	.66416	.23816	1.08512	1.07059	1.15602	.94838	.61699
.900	-6.472	.82285	.85326	.75120	.67851	.25289	1.07698	1.07101	1.15592	.93737	.60412
.900	-5.967	.83401	.86433	.76429	.69167	.26658	1.06882	1.07146	1.15599	.92645	.59079
.900	-5.466	.84523	.87555	.77702	.70505	.28054	1.06037	1.07187	1.15610	.91539	.57726
.900	-4.970	.85641	.88655	.78960	.71771	.29365	1.05259	1.07255	1.15657	.90492	.56450
.900	-4.463	.86700	.90002	.80168	.73007	.30897	1.04468	1.07324	1.15716	.89477	.55158
.900	-3.959	.87755	.91042	.81394	.74262	.32055	1.03574	1.07284	1.15669	.88320	.53767
.900	-3.459	.88815	.92313	.82608	.75520	.33463	1.02660	1.07231	1.15620	.87154	.52392
.900	-2.950	.89847	.93480	.83836	.76720	.34806	1.01756	1.07154	1.15559	.85958	.50944
.900	-2.443	.90911	.94625	.85054	.77981	.36269	1.00834	1.06831	1.15244	.84789	.49584
.900	-1.934	.91966	.95741	.86234	.79204	.37670	.99971	1.06727	1.15157	.83640	.48243
.900	-1.413	.93077	.96856	.87473	.80494	.39121	.99113	1.06771	1.15234	.82469	.46870
.900	-.887	.94141	.97911	.88697	.81770	.40599	.98164	1.06855	1.15376	.81214	.45417
.900	-.348	.95109	.98969	.89867	.83041	.42032	.97219	1.06722	1.15300	.79863	.43953
.900	.191	.96205	1.00205	.91215	.84439	.43601	.96354	1.06799	1.15493	.78606	.42636
.900	.635	.96932	1.01000	.92141	.85411	.44761	.95461	1.06660	1.15444	.77400	.41429
.900	1.081	.97724	1.01802	.93058	.86357	.45935	.94606	1.06510	1.15387	.76236	.40172
GRADIENT		.02015	.02170	.02344	.02427	.02757	-.01755	-.00128	-.00054	-.02352	-.02691

RUN NO. 1485/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.100	-7.003	.96342	.99167	.89507	.82670	.44032	1.21194	1.23065	1.28608	1.08450	.78226
1.100	-6.483	.97342	1.00152	.90709	.83928	.45320	1.20436	1.23064	1.28598	1.07396	.76947
1.100	-5.988	.98375	1.01183	.91921	.85150	.46534	1.19747	1.23089	1.28617	1.06425	.75749
1.100	-5.481	.99345	1.02170	.93068	.86303	.47734	1.18950	1.23037	1.28572	1.05396	.74502
1.100	-4.986	1.00376	1.03229	.94210	.87513	.48978	1.18282	1.23055	1.28598	1.04496	.73350
1.100	-4.483	1.01307	1.04298	.95302	.88591	.50143	1.17466	1.22974	1.28539	1.03474	.72146
1.100	-3.989	1.02255	1.05300	.96377	.89702	.51291	1.16653	1.22913	1.28502	1.02431	.70914
1.100	-3.481	1.03253	1.06479	.97512	.90865	.52544	1.15863	1.22891	1.28507	1.01415	.69677
1.100	-2.976	1.04246	1.07582	.98640	.92031	.53815	1.15070	1.22800	1.28461	1.00352	.68410
1.100	-2.479	1.05193	1.08628	.99745	.93114	.55066	1.14253	1.22724	1.28435	.99294	.67219
1.100	-1.976	1.06162	1.09623	1.00837	.94258	.56323	1.13499	1.22697	1.28453	.98253	.66006
1.100	-1.464	1.07011	1.10483	1.01831	.95297	.57517	1.12656	1.22563	1.28378	.97129	.64714
1.100	-.968	1.07933	1.11425	1.02890	.96403	.58787	1.11850	1.22479	1.28363	.96048	.63490
1.100	-.460	1.08760	1.12371	1.03911	.97474	.60024	1.11041	1.22347	1.28310	.94913	.62218
1.100	.051	1.09645	1.13399	1.05040	.98664	.61362	1.10235	1.22169	1.28291	.93870	.61111
1.100	.536	1.10469	1.14273	1.06030	.99739	.62531	1.09366	1.22011	1.28263	.92923	.59923
1.100	1.029	1.11224	1.15065	1.06932	1.00681	.63664	1.08561	1.21892	1.28228	.91599	.58775
GRADIENT		.01817	.01974	.02126	.02202	.02462	-.01608	-.00188	-.00058	-.02140	-.02433

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(RCMO50) (03 OCT 91)

PARAMETRIC DATA

BETA = .500 PHI = 180.000

RUN NO. 1523/ 0			RN/L =		2.50		GRADIENT INTERVAL =		-5.00/ 5.00													
MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CP01	CPU	CPC4	CPC5	CPC6	CP02											
1.250	-6.991	1.03087	1.06303	.96432	.89459	.50763	1.28732	1.25900	1.32196	1.15202	.84475											
1.250	-6.474	1.04038	1.07319	.97657	.90672	.52001	1.27883	1.25782	1.32007	1.14087	.83193											
1.250	-5.978	1.05119	1.08380	.98884	.91901	.53247	1.27180	1.25842	1.32024	1.13100	.81973											
1.250	-5.471	1.06143	1.09448	1.00054	.93125	.54514	1.26304	1.25988	1.32125	1.12100	.80746											
1.250	-4.973	1.07016	1.10374	1.01091	.94170	.55627	1.25303	1.25963	1.32060	1.11010	.79494											
1.250	-4.471	1.08020	1.11576	1.02237	.95346	.56831	1.24572	1.25934	1.31996	1.10125	.78397											
1.250	-3.966	1.09025	1.12652	1.03342	.96491	.58085	1.23750	1.25993	1.32030	1.09082	.77170											
1.250	-3.462	1.10000	1.13758	1.04463	.97632	.59300	1.22907	1.25982	1.31994	1.08018	.75960											
1.250	-2.958	1.10993	1.14836	1.05591	.98737	.60543	1.22049	1.25944	1.31946	1.06931	.74737											
1.250	-2.451	1.11959	1.15876	1.06685	.99865	.61773	1.21212	1.25912	1.31902	1.05834	.73506											
1.250	-1.948	1.12942	1.16848	1.07774	1.00998	.62996	1.20453	1.25906	1.31912	1.04771	.72322											
1.250	-1.431	1.13854	1.17746	1.08804	1.02059	.64225	1.19612	1.25831	1.31838	1.03592	.71070											
1.250	-.916	1.14844	1.18818	1.09955	1.03250	.65527	1.18800	1.25847	1.31876	1.02459	.69849											
1.250	-.390	1.15766	1.19878	1.11064	1.04445	.66834	1.17899	1.25800	1.31861	1.01302	.68601											
1.250	.145	1.16674	1.20836	1.12156	1.05608	.68157	1.16958	1.25670	1.31790	1.00090	.67386											
1.250	.609	1.17606	1.21722	1.13168	1.06677	.69312	1.16252	1.25632	1.31807	.99072	.66419											
1.250	1.071	1.18384	1.22546	1.14074	1.07606	.70352	1.15426	1.25578	1.31822	.97922	.65304											
GRADIENT		.01878	.01998	.02147	.02222	.02446	-.01635	-.00064	-.00043	-.02176	-.02364											

RUN NO. 1539/ 0			RN/L = 2.50		GRADIENT INTERVAL = -5.00/ 5.00		CPC1		CPC2		CPC3		CPC01		CPU		CPC4		CPC5		CPC6		CPC02	
MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPC01	CPU	CPC4	CPC5	CPC6	CPC02													
1.400	-6.992	1.03857	1.08701	.98201	.90967	.52055	1.32237	1.30070	1.35631	1.17841	.86536													
1.400	-6.480	1.04823	1.09729	.99438	.92168	.53207	1.31144	1.30021	1.35490	1.16604	.85137													
1.400	-5.979	1.05843	1.10850	1.00662	.93403	.54395	1.30254	1.30149	1.35564	1.15524	.83919													
1.400	-5.471	1.06801	1.12077	1.01850	.94582	.55599	1.29232	1.30186	1.35558	1.14370	.82663													
1.400	-4.975	1.07750	1.13202	1.02952	.95691	.56685	1.28276	1.30083	1.35406	1.13257	.81408													
1.400	-4.472	1.08834	1.14442	1.04131	.96914	.57928	1.27388	1.30196	1.35482	1.12208	.80236													
1.400	-3.973	1.09837	1.15562	1.05261	.98058	.59097	1.26371	1.30136	1.35398	1.11062	.78953													
1.400	-3.464	1.10974	1.16743	1.06458	.99279	.60326	1.25412	1.30146	1.35395	1.09957	.77673													
1.400	-2.966	1.11995	1.17803	1.07624	1.00473	.61575	1.24336	1.30148	1.35386	1.08786	.76375													
1.400	-2.460	1.13033	1.18845	1.08803	1.01662	.62777	1.23377	1.30072	1.35304	1.07603	.75065													
1.399	-1.949	1.14056	1.19835	1.09928	1.02798	.63991	1.22476	1.30151	1.35388	1.06437	.73779													
1.400	-1.439	1.15099	1.20911	1.11067	1.03994	.65281	1.21597	1.30004	1.35248	1.05257	.72518													
1.400	-.921	1.16202	1.22079	1.12260	1.05197	.66555	1.20718	1.30048	1.35213	1.03978	.71183													
1.399	-.399	1.17102	1.23200	1.13456	1.06420	.67845	1.19606	1.29955	1.35256	1.02646	.69845													
1.400	.130	1.18198	1.24388	1.14754	1.07793	.69285	1.18677	1.29946	1.35313	1.01339	.68645													
1.400	.600	1.19202	1.25378	1.15854	1.08942	.70516	1.17858	1.29827	1.35265	1.00176	.67641													
1.400	1.059	1.20014	1.26208	1.16763	1.09890	.71609	1.16908	1.29734	1.35223	.98978	.66552													
GRADIENT		.02034	.02146	.02297	.02357	.02474	-.01875	-.00060	-.00034	-.02369	-.02490													

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(RCM050) (03 OCT 91)

PARAMETRIC DATA

BETA = .500 PHI = 180.000

RUN NO. 1557/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPC01	CPU	CPC4	CPC5	CPC6	CP02
1.450	-6.981	1.02215	1.08661	.98112	.90946	.52244	1.32057	1.28862	1.35305	1.17970	.87098
1.450	-6.463	1.03211	1.09856	.99373	.92337	.53395	1.30954	1.28914	1.35274	1.16809	.85798
1.450	-5.961	1.04071	1.10965	1.00481	.93346	.54469	1.29696	1.28852	1.35142	1.15602	.84451
1.450	-5.458	1.05237	1.12373	1.01876	.94733	.55783	1.28753	1.29093	1.35317	1.14573	.83314
1.450	-4.955	1.06187	1.13441	1.02971	.95818	.56904	1.27791	1.29148	1.35329	1.13412	.82069
1.450	-4.450	1.07125	1.14577	1.04061	.96900	.58046	1.26715	1.29062	1.35198	1.12234	.80731
1.450	-3.950	1.08281	1.15860	1.05334	.98136	.59349	1.25732	1.29052	1.35150	1.11199	.79566
1.450	-3.448	1.09348	1.17014	1.06541	.99339	.60568	1.24657	1.29080	1.35148	1.10084	.78244
1.450	-2.937	1.10474	1.18151	1.07823	1.00645	.61896	1.23514	1.29210	1.35260	1.09012	.76971
1.450	-2.426	1.11341	1.19068	1.08905	1.01748	.63074	1.22296	1.29080	1.35104	1.07728	.75582
1.450	-1.907	1.12454	1.20089	1.10036	.64375	.64375	1.21339	1.29102	1.35112	1.06516	.74350
1.450	-1.390	1.13550	1.21167	1.11125	1.04132	.65664	1.20439	1.29076	1.35080	1.05130	.73005
1.450	-.856	1.14914	1.22535	1.12419	1.05399	.67033	1.19634	1.29161	1.35171	1.03748	.71720
1.450	-.307	1.16090	1.23891	1.13840	1.06819	.68414	1.18538	1.29034	1.35054	1.02324	.70367
1.449	.240	1.17216	1.24981	1.15055	1.08082	.69746	1.17423	1.29030	1.35082	1.01082	.68908
1.450	.659	1.18224	1.25941	1.16066	1.09071	.70944	1.16644	1.28869	1.34958	1.00037	.67888
1.449	1.098	1.19072	1.26887	1.17026	1.10039	.72024	1.15657	1.28907	1.35036	.98771	.66771
GRADIENT		.02144	.02204	.02322	.02363	.02501	-.01977	-.00029	-.00040	-.02421	-.02524

RUN NO. 1642/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPC01	CPU	CPC4	CPC5	CPC6	CP02
1.470	-6.982	.98656	1.06882	.96292	.89198	.50964	1.29146	1.34045	1.35425	1.16093	.85338
1.471	-6.469	.99528	1.08035	.97485	.90400	.52090	1.27887	1.34221	1.35578	1.14712	.83934
1.471	-5.968	1.00441	1.09231	.98651	.91523	.53161	1.26782	1.33978	1.35327	1.13492	.82632
1.470	-5.465	1.01529	1.10527	.99893	.92748	.54332	1.25694	1.34019	1.35368	1.12321	.81327
1.470	-4.967	1.02578	1.11761	1.01151	.93996	.55520	1.24562	1.34062	1.35421	1.11305	.80252
1.471	-4.458	1.03514	1.12904	1.02315	.95179	.56654	1.23375	1.33932	1.35309	1.10127	.79006
1.470	-3.957	1.04463	1.13963	1.03374	.96262	.57755	1.22164	1.33886	1.35287	1.08854	.77636
1.470	-3.451	1.05489	1.15079	1.04501	.97419	.58915	1.20987	1.33759	1.35190	1.07665	.76335
1.470	-2.941	1.06692	1.16316	1.05807	.98722	.60238	1.19954	1.33724	1.35198	1.06599	.75107
1.470	-2.436	1.07687	1.17348	1.06998	.99901	.61458	1.18772	1.33765	1.35291	1.05459	.73828
1.470	-1.920	1.08613	1.18249	1.08097	1.01068	.62701	1.17677	1.33598	1.35185	1.04238	.72515
1.470	-1.399	1.09595	1.19239	1.09171	1.02182	.63938	1.16614	1.33551	1.35185	1.02968	.71155
1.470	-.872	1.10610	1.20292	1.10284	1.03387	.65297	1.15437	1.33408	1.35117	1.01561	.69772
1.470	-.328	1.11791	1.21500	1.11592	1.04771	.66812	1.14301	1.33227	1.35034	1.00248	.68564
1.470	.219	1.13097	1.22694	1.12883	1.06102	.68209	1.13256	1.33110	1.35062	.98952	.67166
1.470	.650	1.14021	1.23568	1.13932	1.07203	.69365	1.12358	1.32933	1.35020	.97905	.66159
1.470	1.096	1.15016	1.24455	1.14868	1.08184	.70423	1.11543	1.32876	1.35066	.96769	.65164
GRADIENT		.02043	.02077	.02263	.02343	.02480	-.02148	-.00189	-.00056	-.02391	-.02504

IA310 (AEDC 16TF-783) PROBE CALIBRATION (RCMO50) (03 OCT 91)

PARAMETRIC DATA

RUN NO. 1592/ O		RN/L = 2.50		GRADIENT INTERVAL = -5.00/ 5.00		BETA = .500		PHI = 180.000		
MACH	ALPHA	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.492	-6.987	1.05986	.95363	.88474	.50835	1.24995	1.26911	1.34805	1.15054	.84553
1.493	-6.470	1.07208	.96646	.89732	.51815	1.23323	1.26965	1.34770	1.13809	.83223
1.493	-5.968	1.08448	.97923	.90957	.52846	1.21893	1.27023	1.34744	1.12675	.81958
1.492	-5.466	1.09690	.99158	.92151	.53892	1.20016	1.27027	1.34678	1.11463	.80699
1.492	-4.964	1.10903	1.00400	.93380	.55017	1.18272	1.27124	1.34726	1.10351	.79572
1.493	-4.460	1.12037	1.01513	.94476	.56072	1.16399	1.27172	1.34732	1.09110	.78294
1.492	-3.960	1.13178	1.02607	.95596	.57181	1.14655	1.27181	1.34691	1.07858	.77018
1.493	-3.453	1.14555	1.03864	.96883	.58510	1.12912	1.27236	1.34721	1.06696	.75827
1.493	-2.949	1.15709	1.04977	.98013	.59672	1.10924	1.27087	1.34548	1.05419	.74483
1.492	-2.440	1.16762	1.06128	.99206	.60900	1.09035	1.27066	1.34506	1.04195	.73189
1.493	-1.925	1.17830	1.07329	1.00462	.62218	1.07484	1.27056	1.34495	1.03109	.71988
1.492	-1.405	1.18733	1.08363	1.01536	.63393	1.05522	1.26944	1.34391	1.01811	.70598
1.493	-.882	1.19716	1.09476	1.02664	.64693	1.03899	1.26883	1.34342	1.00493	.69271
1.493	-.341	1.20770	1.10586	1.03809	.66092	1.02297	1.26812	1.34292	.99103	.67956
1.493	.206	1.21995	1.11857	1.05049	.67511	1.00946	1.26678	1.34209	.97769	.66855
1.492	.634	1.22908	1.12853	1.06089	.68510	1.00113	1.26540	1.34124	.96834	.65914
1.493	1.089	1.23811	1.13952	1.07253	.69723	.99606	1.26593	1.34192	.95809	.64951
	GRADIENT	.02105	.02220	.02275	.02442	-.03204	-.00109	-.00108	-.02410	-.02442

RUN NO. 1608/ O		RN/L = 2.49		GRADIENT INTERVAL = -5.00/ 5.00		BETA = .500		PHI = 180.000		
MACH	ALPHA	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.515	-6.987	1.06324	.95553	.88776	.51047	1.15674	1.28259	1.33692	1.15529	.85260
1.515	-6.470	1.07498	.96761	.89982	.52262	1.12674	1.28047	1.33394	1.14223	.83841
1.515	-5.968	1.08666	.97998	.91199	.53387	1.10211	1.27923	1.33195	1.13083	.82575
1.516	-5.466	1.10024	.99371	.92540	.54574	1.08015	1.28049	1.33210	1.12080	.81386
1.515	-4.968	1.11109	1.00487	.93631	.55538	1.05907	1.28418	1.33549	1.10962	.80080
1.515	-4.465	1.12233	1.01590	.94703	.56510	1.03522	1.28658	1.33765	1.09776	.78765
1.515	-3.955	1.13539	1.02831	.95911	.57680	1.01117	1.28892	1.33983	1.08663	.77523
1.516	-3.454	1.14774	1.03914	.97013	.58746	.98351	1.28518	1.33552	1.07354	.76148
1.514	-2.949	1.16011	1.05027	.98140	.59837	.95823	1.28350	1.33374	1.05960	.74718
1.516	-2.440	1.17515	1.06351	.99446	.61230	.94378	1.28350	1.33545	1.04834	.73532
1.515	-1.930	1.18734	1.07464	1.00569	.62419	.92383	1.28545	1.33556	1.03470	.72157
1.516	-1.407	1.20016	1.08692	1.01781	.63685	.90251	1.28488	1.33511	1.02134	.70818
1.516	-.878	1.21281	1.10024	1.03119	.65026	.88150	1.28209	1.33237	1.00775	.69513
1.516	-.340	1.22495	1.11380	1.04497	.66489	.86707	1.28015	1.33059	.99411	.68243
1.516	.205	1.23857	1.12869	1.05937	.67937	.85170	1.28392	1.33493	.97934	.67133
1.516	.644	1.24635	1.13807	1.06898	.68962	.84016	1.28647	1.33813	.96684	.66317
1.516	1.094	1.25293	1.14718	1.07794	.69988	.83258	1.28447	1.33649	.95460	.65234
	GRADIENT	.02414	.02379	.02374	.02429	-.03779	-.00040	-.00032	-.02560	-.02468

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(RCM050) (03 OCT 91)

PARAMETRIC DATA

BETA = .500 PHI = 180.000

RUN NO. 1623/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPC01	CPU	CPC4	CPC5	CPC6	CP02
1.542	-6.986	.62456	1.07237	.95308	.88638	.50820	.96332	1.28682	1.29855	1.15335	.85244
1.541	-6.469	.63925	1.08071	.96303	.89633	.52021	.94366	1.28731	1.29817	1.13994	.83847
1.542	-5.968	.65272	1.08890	.97486	.90850	.53357	.92656	1.28814	1.29837	1.12842	.82624
1.541	-5.466	.66599	1.09194	.98443	.91857	.54398	.91051	1.28801	1.29760	1.11558	.81271
1.541	-4.968	.68176	1.09495	.99527	.93025	.55550	.89783	1.28808	1.29716	1.10425	.80047
1.542	-4.465	.69935	1.09379	1.00589	.94175	.56629	.88787	1.28826	1.29693	1.09245	.78826
1.542	-3.954	.72163	1.08992	1.01687	.95406	.57782	.88300	1.28840	1.29671	1.08033	.77575
1.541	-3.453	.75588	1.07565	1.02682	.96569	.58887	.89051	1.28731	1.29524	1.06743	.76212
1.541	-2.950	.81195	1.05129	1.03614	.97731	.60040	.92178	1.28717	1.29475	1.05498	.74860
1.541	-2.440	.84775	1.05452	1.05069	.99041	.61258	.93639	1.28694	1.29408	1.04346	.73568
1.542	-1.925	.87128	1.06377	1.06651	.99034	.62424	.94260	1.28733	1.29392	1.03118	.72212
1.542	-1.412	.89460	1.07662	1.08299	1.01696	.63641	.94736	1.28733	1.29344	1.01957	.70893
1.541	-.882	.91455	1.09030	1.09979	1.03014	.64798	.94905	1.28692	1.29259	1.00593	.69476
1.542	-.339	.93322	1.11373	1.11760	1.04434	.66025	.94899	1.28682	1.29238	.99343	.68240
1.542	.206	.95281	1.14951	1.13559	.67456	.67456	.94918	1.28568	1.29208	.97943	.67256
1.541	.642	.96303	1.18072	1.14907	1.07113	.68673	.94543	1.28372	1.29156	.96790	.66463
1.542	1.094	.96995	1.22352	1.15959	1.08198	.69883	.93892	1.28234	1.29176	.95819	.65580
	GRADIENT	.05113	.01779	.02805	.02521	.02345	.01120	-.00074	-.00098	-.02414	-.02443

IA310 (AEDC 16TF-783) PROBE CALIBRATION (RCM051) (03 OCT 91)

PARAMETRIC DATA

BETA = 1.000 PHI = 180.000

ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
-6.960	.66525	.69744	.59474	.52131	.10669	.96204	.90814	.89428	.82700	.49536
-6.452	.67763	.71026	.60895	.53525	.11990	.95336	.90978	.89451	.81454	.48021
-5.945	.69102	.72397	.62354	.54989	.13472	.94539	.91197	.89588	.80370	.46698
-5.440	.70291	.73700	.63691	.56362	.14838	.93632	.91164	.89476	.79178	.45322
-4.938	.71494	.75134	.65049	.57757	.16214	.92770	.91304	.89565	.78018	.43892
-4.428	.72699	.76426	.66291	.59062	.17608	.91903	.91348	.89556	.76865	.42518
-3.920	.73813	.77566	.67602	.60416	.19011	.90850	.91279	.89457	.75637	.41111
-3.411	.74983	.78768	.68954	.61762	.20463	.89845	.91239	.89372	.74369	.39609
-2.900	.76237	.79910	.70304	.63170	.21916	.88956	.91452	.89568	.73135	.38118
-2.382	.77601	.81297	.71775	.64711	.23666	.88097	.91380	.89497	.72020	.36889
-1.863	.78722	.82456	.73002	.65945	.25024	.87009	.91382	.89498	.70674	.35281
-1.330	.79900	.83597	.74328	.67315	.26595	.86019	.91284	.89414	.69423	.33904
- .798	.81104	.84809	.75693	.68693	.28040	.85026	.91446	.89607	.68068	.32367
- .265	.82218	.85995	.77013	.70076	.29653	.83978	.91267	.89480	.66653	.30949
.227	.83174	.87002	.78168	.71292	.31023	.83041	.91147	.89416	.65387	.29696
.704	.84171	.88022	.79353	.72500	.32371	.82262	.91156	.89487	.64109	.28428
.85199	.89044	.89044	.80492	.73677	.33714	.81356	.91142	.89534	.62803	.27162
1.185	.92250	.92274	.02538	.02613	.02878	-.01873	-.00026	-.00004	-.02476	-.02743

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
.799	-6.976	.74847	.77984	.67374	.59961	.16598	1.03371	.99453	1.05344	.89713	.55941
.800	-6.457	.76113	.79308	.68875	.61437	.18113	1.02575	.99561	1.05340	.88609	.54569
.800	-5.959	.77305	.80570	.70193	.62851	.19608	1.01711	.99653	1.05372	.87496	.53264
.800	-5.453	.78511	.81892	.71558	.64225	.21044	1.00902	.99739	1.05392	.86382	.51873
.800	-4.956	.79611	.83236	.72781	.65498	.22423	.99995	.99779	1.05382	.85230	.50477
.800	-4.451	.80802	.84454	.74104	.66802	.23927	.99184	.99831	1.05374	.84158	.49179
.800	-3.942	.81862	.85506	.75329	.68090	.25272	.98258	.99828	1.05346	.82992	.47714
.800	-3.439	.83003	.86653	.76656	.69415	.26781	.97351	.99864	1.05363	.81831	.46285
.800	-2.925	.84198	.87989	.78042	.70831	.28314	.96485	.99893	1.05376	.80649	.44830
.800	-2.415	.85362	.89139	.79316	.72157	.29841	.95573	.99886	1.05372	.79447	.43430
.800	-1.900	.86359	.90174	.80482	.73356	.31201	.94525	.99794	1.05282	.78149	.41895
.800	-1.383	.87482	.91345	.81747	.74677	.32668	.93624	.99828	1.05337	.76918	.40466
.800	-.857	.88607	.92544	.83062	.76046	.34247	.92719	.99825	1.05353	.75657	.39110
.800	-.339	.89661	.93657	.84301	.77400	.35842	.91729	.99725	1.05311	.74354	.37773
.800	.151	.90625	.94676	.85511	.78655	.37251	.90825	.99625	1.05267	.73107	.36473
.799	.636	.91525	.95648	.86596	.79793	.38500	.89854	.99519	1.05223	.71728	.35003
.800	1.136	.92511	.96613	.87715	.80941	.39971	.88941	.99466	1.05249	.70388	.33627
GRADIENT		.02122	.02211	.02459	.02551	.02887	-.01821	-.00052	-.00023	-.02431	-.02767

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(RCMO51) (03 OCT 91)

PARAMETRIC DATA

BETA = 1.000 PHI = 180.000

RUN NO. 1501/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPC01	CPU	CPC4	CPC5	CPC6	CPO2
.900	-6.972	.80921	.83971	.73690	.66374	.23794	1.08245	1.05945	1.14993	.94777	.61575
.900	-6.451	.82282	.85379	.75246	.67910	.25371	1.07657	1.06184	1.15722	.93875	.60439
.900	-5.951	.83224	.86418	.76379	.69077	.26654	1.06628	1.06834	1.15785	.92626	.58964
.900	-5.448	.84365	.87685	.77634	.70418	.28046	1.05807	1.06649	1.15508	.91547	.57630
.900	-4.948	.85356	.88956	.78803	.71601	.29316	1.04899	1.06384	1.15216	.90404	.56248
.900	-4.442	.86535	.90131	.80066	.72862	.30678	1.04188	1.06089	1.14897	.89455	.55008
.900	-3.937	.87761	.91321	.81445	.74295	.32144	1.03474	1.06604	1.15405	.88460	.53704
.900	-3.426	.88790	.92391	.82641	.75551	.33536	1.02545	1.06976	1.15793	.87286	.52319
.900	-2.918	.89695	.93463	.83772	.76660	.34848	1.01481	1.06741	1.15567	.85971	.50782
.900	-2.406	.90790	.94591	.85015	.77956	.36331	1.00606	1.06422	1.15247	.84826	.49429
.900	-1.893	.91716	.95552	.86110	.79106	.37660	.99541	1.06065	1.14913	.83533	.47944
.900	-1.371	.92951	.96813	.87452	.80484	.39202	.98841	1.05906	1.14783	.82464	.46695
.900	-1.845	.93975	.97885	.88638	.81726	.40618	.97957	1.06052	1.14979	.81196	.45256
.900	-.325	.95004	.98986	.89869	.83013	.42052	.97032	1.06211	1.15194	.79921	.43897
.900	.165	.95849	.99891	.90943	.84167	.43383	.96099	1.06195	1.15241	.78665	.42624
.900	.650	.96843	1.00938	.92112	.85391	.44815	.95279	1.06133	1.15243	.77499	.41423
.900	1.140	.97755	1.01877	.93191	.86499	.46144	.94388	1.06084	1.15272	.76205	.40023
GRADIENT		.02021	.02118	.02352	.02439	.02762	-.01749	-.00080	-.00022	-.02349	-.02677

RUN NO. 1486/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPC01	CPU	CPC4	CPC5	CPC6	CPO2
1.100	-6.998	.96248	.99022	.89506	.82668	.44003	1.21058	1.21367	1.28076	1.08451	.78125
1.100	-6.483	.97285	1.00121	.90771	.83927	.45301	1.20323	1.21383	1.28049	1.07453	.76895
1.100	-5.978	.98251	1.01138	.91909	.85074	.46502	1.19552	1.21349	1.27951	1.06416	.75634
1.100	-5.476	.99273	1.02228	.93066	.86261	.47734	1.18813	1.21339	1.27923	1.05429	.74432
1.100	-4.980	1.00192	1.03445	.94086	.87347	.48884	1.18020	1.21322	1.27903	1.04421	.73174
1.100	-4.480	1.01191	1.04467	.95200	.88473	.50103	1.17293	1.21321	1.27911	1.03484	.72042
1.100	-3.977	1.02162	1.05416	.96331	.89650	.51278	1.16514	1.21310	1.27903	1.02490	.70834
1.100	-3.470	1.03132	1.06523	.97439	.90794	.52528	1.15719	1.21228	1.27843	1.01483	.69600
1.100	-2.971	1.04111	1.07590	.98566	.91953	.53792	1.14918	1.21208	1.27837	1.00435	.68363
1.100	-2.467	1.05027	1.08537	.99647	.93033	.55020	1.14033	1.21080	1.27747	.99306	.67063
1.100	-1.967	1.05947	1.09495	1.00709	.94134	.56252	1.13254	1.21053	1.27765	.98252	.65865
1.100	-1.466	1.06858	1.10451	1.01759	.95229	.57509	1.12468	1.20991	1.27758	.97203	.64646
1.100	-.954	1.07741	1.11383	1.02780	.96295	.58743	1.11685	1.20915	1.27735	.96128	.63457
1.100	-.467	1.08600	1.12322	1.03838	.97410	.59987	1.10917	1.20829	1.27716	.95058	.62282
1.100	.024	1.09407	1.13176	1.04858	.98481	.61206	1.10066	1.20673	1.27630	.93942	.61122
1.100	.526	1.10258	1.14083	1.05889	.99613	.62454	1.09223	1.20598	1.27644	.92822	.59962
1.100	1.034	1.11099	1.14968	1.06901	1.00658	.63703	1.08363	1.20511	1.27632	.91612	.58698
GRADIENT		.01813	.01921	.02130	.02212	.02470	-.01607	-.00141	-.00051	-.02132	-.02416

(RCM051) (03 OCT 91)

PARAMETRIC DATA

BETA = 1.000 PHI = 180.000

RUN NO. 1524/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.250	-6.979	1.02924	1.06187	.96427	.89401	.50730	1.28510	1.25206	1.31614	1.15191	.84366
1.250	-6.462	1.03975	1.07301	.97667	.90637	.52011	1.27734	1.25252	1.31598	1.14101	.83096
1.250	-5.961	1.04992	1.08421	.98835	.91823	.53246	1.26981	1.25308	1.31579	1.13091	.81891
1.250	-5.457	1.06038	1.09637	1.00000	.93059	.54507	1.26154	1.25401	1.31624	1.12130	.80688
1.250	-4.952	1.06979	1.10743	1.01067	.94147	.55649	1.25201	1.25452	1.31640	1.11087	.79425
1.250	-4.456	1.07842	1.11661	1.02080	.95192	.56797	1.24281	1.25333	1.31490	1.10042	.78214
1.250	-3.950	1.08888	1.12734	1.03250	.96407	.58055	1.23534	1.25294	1.31431	1.09108	.77050
1.250	-3.440	1.09933	1.13824	1.04416	.97591	.59306	1.22759	1.25433	1.31559	1.08079	.75856
1.250	-2.933	1.10841	1.14763	1.05478	.98637	.60496	1.21822	1.25460	1.31577	1.06931	.74577
1.250	-2.428	1.11819	1.15810	1.06587	.99782	.61744	1.20970	1.25311	1.31419	1.05828	.73332
1.250	-1.912	1.12833	1.16880	1.07742	1.00977	.63031	1.20231	1.25268	1.31457	1.04802	.72179
1.250	-1.403	1.13801	1.17863	1.08829	1.02097	.64326	1.19453	1.25345	1.31474	1.03693	.70980
1.250	-.885	1.14687	1.18829	1.09911	1.03221	.65575	1.18560	1.25346	1.31474	1.02518	.69757
1.250	-.369	1.15640	1.19802	1.11023	1.04414	.66858	1.17730	1.25310	1.31468	1.01372	.68581
1.250	.116	1.16524	1.20722	1.12082	1.05542	.68110	1.16922	1.25242	1.31439	1.00274	.67513
1.250	.605	1.17404	1.21606	1.13077	1.06575	.69270	1.16074	1.25065	1.31298	.99096	.66367
1.250	1.105	1.18284	1.22512	1.14091	1.07617	.70437	1.15214	1.25042	1.31319	.97888	.65150
GRADIENT		.01875	.01956	.02162	.02236	.02458	-.01632	-.00049	-.00036	-.02172	-.02351

RUN NO. 1540/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.400	-6.981	1.03669	1.08713	.98135	.90845	.51982	1.31968	1.29222	1.34983	1.17755	.86350
1.400	-6.465	1.04697	1.09893	.99386	.92099	.53186	1.31007	1.29367	1.35065	1.16626	.85061
1.400	-5.962	1.05609	1.11057	1.00536	.93263	.54331	1.29958	1.29332	1.34959	1.15438	.83740
1.400	-5.459	1.06697	1.12332	1.01782	.94503	.55553	1.29067	1.29415	1.34987	1.14365	.82539
1.400	-4.960	1.07667	1.13439	1.02915	.95663	.56730	1.28089	1.29399	1.34923	1.13287	.81314
1.400	-4.458	1.08725	1.14551	1.04054	.96858	.57904	1.27184	1.29455	1.34944	1.12204	.80111
1.400	-3.954	1.09806	1.15684	1.05271	.98088	.59150	1.26258	1.29527	1.34992	1.11149	.78892
1.400	-3.445	1.10851	1.16736	1.06399	.99238	.60317	1.25213	1.29500	1.34955	1.09965	.77544
1.400	-2.939	1.11909	1.17841	1.07596	1.00454	.61577	1.24160	1.29386	1.34828	1.08804	.76243
1.400	-2.434	1.13020	1.19002	1.08867	1.01752	.62892	1.23242	1.29427	1.34866	1.07675	.74989
1.400	-1.925	1.14004	1.19985	1.09966	1.02841	.64080	1.22267	1.29488	1.34930	1.06490	.73654
1.400	-1.409	1.15010	1.21005	1.11091	1.04006	.65345	1.21364	1.29448	1.34898	1.05251	.72359
1.400	-.893	1.16005	1.22063	1.12241	1.05174	.66598	1.20442	1.29301	1.34771	1.03976	.71092
1.400	-.383	1.17057	1.23177	1.13471	1.06441	.67916	1.19516	1.29337	1.34829	1.02711	.69851
1.399	.104	1.17936	1.24147	1.14570	1.07607	.69150	1.18530	1.29236	1.34759	1.01438	.68692
1.400	.595	1.19003	1.25245	1.15748	1.08844	.70453	1.17683	1.29166	1.34743	1.00195	.67582
1.400	1.095	1.19958	1.26222	1.16835	1.09981	.71724	1.16696	1.29224	1.34854	.98942	.66428
GRADIENT		.02024	.02104	.02300	.02358	.02475	-.01880	-.00047	-.00031	-.02375	-.02483

IA310 (AEDC 16TF-783) PROBE CALIBRATION (RCM051) (03 OCT 91)

PARAMETRIC DATA

BETA = 1.000 PHI = 180.000

RUN NO. 1558/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.450	-6.962	1.02064	1.08898	.98093	.90904	.52279	1.31803	1.28671	1.34847	1.17912	.86953
1.450	-6.444	1.03070	1.10140	.99323	.92166	.53418	1.30674	1.28754	1.34851	1.16766	.85631
1.450	-5.941	1.04063	1.11330	1.00583	.93437	.54597	1.29589	1.28872	1.34893	1.15650	.84389
1.449	-5.435	1.04975	1.12356	1.01630	.94503	.55637	1.28413	1.28764	1.34717	1.14435	.83030
1.449	-4.929	1.06102	1.13638	1.02959	.95838	.56956	1.27524	1.28979	1.34866	1.13414	.81905
1.450	-4.430	1.07161	1.14778	1.04153	.97007	.58181	1.26582	1.28946	1.34784	1.12345	.80679
1.451	-3.918	1.08286	1.15987	1.05382	.98200	.59457	1.25582	1.29077	1.34876	1.11243	.79438
1.450	-3.408	1.09228	1.17030	1.06507	.99314	.60584	1.24369	1.29028	1.34809	1.10000	.78012
1.448	-2.897	1.10178	1.18052	1.07616	1.00444	.61743	1.23040	1.28825	1.34560	1.08754	.76533
1.450	-2.380	1.11320	1.19201	1.08928	1.01787	.63162	1.22050	1.29047	1.34779	1.07726	.75405
1.450	-1.862	1.12362	1.20195	1.10022	1.02966	.64448	1.21026	1.28918	1.34640	1.06481	.74065
1.451	-1.337	1.13624	1.21357	1.11253	1.04250	.65882	1.20245	1.29075	1.34792	1.05266	.72892
1.450	-.806	1.14747	1.22543	1.12491	1.05469	.67138	1.19246	1.28912	1.34634	1.03888	.71619
1.450	-.276	1.15996	1.23826	1.13883	1.06875	.68515	1.18354	1.28957	1.34700	1.02545	.70319
1.450	.215	1.17072	1.24982	1.15111	1.08110	.69758	1.17382	1.28826	1.34588	1.01268	.69067
1.450	.693	1.17992	1.25944	1.16101	1.09086	.70922	1.16310	1.28810	1.34601	.99892	.67747
1.450	1.173	1.18944	1.26897	1.17138	1.10162	.72145	1.15285	1.28705	1.34531	.98643	.66553
GRADIENT		.02122	.02173	.02334	.02369	.02499	-.01981	-.00036	-.00045	-.02413	-.02502

RUN NO. 1643/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.470	-6.969	.98346	1.07020	.96130	.89020	.50879	1.28697	1.32342	1.34799	1.15929	.85051
1.470	-6.446	.99469	1.08330	.97440	.90328	.52085	1.27717	1.32441	1.34854	1.14711	.83786
1.470	-5.944	1.00332	1.09445	.98601	.91450	.53160	1.26538	1.32372	1.34764	1.13462	.82455
1.471	-5.444	1.01602	1.10920	.99988	.92851	.54479	1.25665	1.32475	1.34854	1.12495	.81341
1.470	-4.938	1.02427	1.11971	1.01088	.93954	.55554	1.24281	1.32432	1.34822	1.11270	.80033
1.484	-4.435	1.03301	1.12946	1.02151	.95023	.56623	1.23034	1.32320	1.34710	1.10019	.78720
1.470	-3.928	1.04435	1.14119	1.03425	.96308	.57856	1.22009	1.32370	1.34773	1.08972	.77541
1.470	-3.420	1.05463	1.15137	1.04510	.97433	.59009	1.20810	1.32267	1.34694	1.07676	.76150
1.470	-2.905	1.06605	1.16312	1.05760	.98701	.60341	1.19741	1.32169	1.34624	1.06573	.74923
1.470	-2.394	1.07716	1.17448	1.06985	.99922	.61627	1.18605	1.32196	1.34692	1.05423	.73617
1.469	-1.873	1.08410	1.18232	1.07934	1.00917	.62736	1.17240	1.32069	1.34601	1.03990	.72133
1.470	-1.354	1.09541	1.19359	1.09209	1.02225	.64144	1.16272	1.32077	1.34671	1.02878	.70954
1.470	-.822	1.10741	1.20492	1.10497	1.03608	.65611	1.15317	1.31935	1.34595	1.01667	.69797
1.469	-.299	1.11650	1.21373	1.11505	1.04680	.66688	1.13978	1.31807	1.34550	1.00140	.68364
1.471	.194	1.12876	1.22552	1.12781	1.05981	.68095	1.13168	1.31709	1.34542	.99074	.67253
1.470	.675	1.13905	1.23526	1.13853	1.07116	.69414	1.12191	1.31658	1.34583	.97880	.66090
1.470	1.158	1.14965	1.24519	1.14930	1.08239	.70658	1.11243	1.31482	1.34492	.96603	.64904
GRADIENT		.02046	.02049	.02272	.02347	.02486	-.02141	-.00146	-.00043	-.02396	-.02483

IA310 (AEDC 16TF-783) PROBE CALIBRATION (RCM051) (03 OCT 91)

PARAMETRIC DATA

BETA = 1.000 PHI = 180.000

RUN NO. 1593/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.493	-6.971	.92939	1.06322	.95391	.88447	.50893	1.24873	1.26417	1.34095	1.15076	.84438
1.493	-6.453	.93408	1.07516	.96646	.89662	.51828	1.23095	1.26459	1.34041	1.13782	.83060
1.493	-5.951	.93971	1.08788	.97936	.90921	.52868	1.21763	1.26522	1.34028	1.12637	.81845
1.493	-5.446	.94228	1.10056	.99152	.92113	.53945	1.19941	1.26558	1.34005	1.11511	.80592
1.493	-4.946	.94487	1.11258	1.00328	.93288	.55057	1.18085	1.26596	1.33991	1.10340	.79388
1.493	-4.444	.94958	1.12427	1.01504	.94456	.56164	1.16335	1.26563	1.33920	1.09189	.78187
1.493	-3.931	.95358	1.13577	1.02564	.95549	.57260	1.14470	1.26603	1.33926	1.07904	.76866
1.492	-3.419	.96007	1.14808	1.03758	.96766	.58475	1.12741	1.26573	1.33849	1.06636	.75561
1.493	-2.915	.96438	1.16036	1.05025	.98037	.59777	1.10938	1.26629	1.33880	1.05480	.74326
1.492	-2.400	.96612	1.16942	1.06116	.99157	.60924	1.08915	1.26614	1.33855	1.04153	.72918
1.493	-1.881	.97233	1.17936	1.07307	1.00394	.62227	1.07257	1.26665	1.33908	1.03012	.71698
1.493	-1.364	.97852	1.18832	1.08418	1.01559	.63482	1.05522	1.26663	1.33916	1.01776	.70388
1.492	-.833	.98675	1.19783	1.09552	1.02708	.64840	1.03931	1.26666	1.33929	1.00499	.69160
1.493	-.310	.99700	1.20698	1.10594	1.03802	.66161	1.02482	1.26689	1.33963	.99134	.67947
1.492	.179	1.00882	1.21766	1.11742	1.04973	.67470	1.01343	1.26736	1.34050	.97936	.66979
1.492	.661	1.01840	1.22737	1.12819	1.06054	.68632	.99985	1.26694	1.34048	.96707	.65845
1.493	1.147	1.03556	1.23699	1.13906	1.07228	.69861	.99410	1.26677	1.34086	.95603	.64708
	GRADIENT	.01371	.01999	.02221	.02280	.02448	-.03167	.00023	.00024	-.02424	-.02419

RUN NO. 1609/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.516	-6.970	.79649	1.06646	.95723	.88859	.51144	1.15850	1.28211	1.33631	1.15608	.85223
1.516	-6.453	.78948	1.07777	.96825	.89943	.52883	1.12731	1.28083	1.33339	1.14195	.83714
1.516	-5.951	.78512	1.09133	.98179	.91280	.53492	1.10123	1.27978	1.33179	1.13156	.82559
1.516	-5.447	.79006	1.10328	.99349	.92428	.54501	1.07960	1.28160	1.33322	1.11999	.81214
1.515	-4.941	.79302	1.11538	1.00463	.93523	.55498	1.05591	1.28277	1.33412	1.10828	.79867
1.516	-4.439	.79128	1.12759	1.01636	.94671	.56541	1.03183	1.28136	1.33234	1.09758	.78645
1.516	-3.931	.78527	1.13972	1.02823	.95849	.57679	1.00439	1.28126	1.33197	1.08587	.77337
1.515	-3.424	.78992	1.15118	1.03881	.96954	.58750	.98262	1.27999	1.33040	1.07248	.75892
1.515	-2.910	.79555	1.16378	1.05099	.98167	.59955	.96027	1.27963	1.32986	1.05998	.74564
1.516	-2.401	.80348	1.17749	1.06393	.99481	.61352	.93972	1.28011	1.33021	1.04839	.73329
1.516	-1.882	.81262	1.18894	1.07534	1.00635	.62568	.92134	1.27942	1.32950	1.03500	.71991
1.516	-1.361	.82112	1.20110	1.08773	1.01846	.63825	.90150	1.27848	1.32870	1.02159	.70695
1.516	-.834	.83002	1.21246	1.10040	1.03129	.65142	.88162	1.27788	1.32815	1.00777	.69423
1.516	-.309	.84162	1.22349	1.11327	1.04443	.66504	.86404	1.27681	1.32732	.99308	.68229
1.516	.180	.85457	1.23403	1.12558	1.05656	.67765	.85038	1.27580	1.32660	.97907	.67120
1.515	.663	.86774	1.24336	1.13733	1.06862	.68964	.83911	1.27497	1.32605	.96505	.66029
1.515	1.150	.88559	1.25315	1.14927	1.08082	.70245	.83413	1.27474	1.32620	.95307	.65081
	GRADIENT	.01564	.02280	.02373	.02389	.02440	-.03723	-.00125	-.00123	-.02569	-.02457

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(RCMO51) (03 OCT 91)

PARAMETRIC DATA

RUN NO. 1624/ O		RN/L = 2.49		GRADIENT INTERVAL = -5.00/ 5.00		BETA = 1.000		PHI = 180.000			
MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPC01	CPU	CPC4	CPC5	CPC6	CPC02
1.542	-6.969	.62324	1.07067	.95565	.88840	.50877	.96131	1.28293	1.29419	1.15309	.85119
1.541	-6.453	.63841	1.07926	.96621	.89876	.52017	.94269	1.28291	1.29345	1.13941	.83712
1.542	-5.950	.65166	1.08874	.97938	.91175	.53355	.92613	1.28432	1.29423	1.12847	.82524
1.542	-5.446	.66474	1.09395	.99047	.92303	.54454	.90979	1.28419	1.29357	1.11598	.81184
1.541	-4.946	.67914	1.09781	1.00201	.93473	.55528	.89595	1.28464	1.29354	1.10411	.79894
1.541	-4.438	.69611	1.09947	1.01378	.94641	.56604	.88542	1.28501	1.29350	1.09247	.78671
1.541	-3.931	.71708	1.09594	1.02518	.95770	.57650	.87933	1.28432	1.29251	1.07891	.77310
1.541	-3.425	.74719	1.08710	1.03717	.97017	.58823	.88378	1.28429	1.29216	1.06667	.76007
1.541	-2.915	.79894	1.06452	1.04724	.98239	.60035	.91018	1.28444	1.29194	1.05468	.74694
1.541	-2.401	.83942	1.05876	1.05838	.99324	.61188	.92790	1.28419	1.29133	1.04209	.73288
1.542	-1.886	.86492	1.07038	1.07306	1.00610	.62415	.93515	1.28462	1.29133	1.03058	.72007
1.541	-1.364	.88831	1.08494	1.08732	1.01839	.63560	.93945	1.28436	1.29059	1.01806	.70691
1.541	-.837	.90782	1.10430	1.10371	1.03198	.64799	.94090	1.28462	1.29042	1.00571	.69503
1.541	-.309	.92639	1.13055	1.11954	1.04538	.66070	.94099	1.28424	1.28995	.99257	.68296
1.542	.179	.94070	1.16096	1.13351	1.05740	.67326	.93914	1.28336	1.28950	.97959	.67293
1.541	.660	.95148	1.19529	1.14625	1.06898	.68522	.93407	1.28131	1.28844	.96652	.66292
1.541	1.149	.96076	1.24114	1.15825	1.08091	.69811	.92764	1.27989	1.28836	.95534	.65328
	GRADIENT	.05018	.01965	.02603	.02406	.02339	.00989	-.00054	-.00085	-.02433	-.02424

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(RCM052) (03 OCT 91)

PARAMETRIC DATA

BETA = 1.500 PHI = 180.000

RUN NO. 1578/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPC4	CPC5	CPC6	CPC7
.599	-6.941	.65984	.69329	.59122	.51738	.10337	.95673	.90807	.82460
.600	-6.433	.67453	.70831	.60696	.53298	.11857	.95003	.91035	.89491
.600	-5.926	.68779	.72301	.62112	.54800	.13334	.94097	.91070	.89439
.600	-5.420	.70081	.73743	.63566	.56289	.14882	.93315	.91113	.89420
.600	-4.907	.71199	.75009	.64874	.57623	.16244	.92292	.91132	.89379
.600	-4.404	.72529	.76398	.66288	.59113	.17809	.91596	.91229	.89441
.600	-3.889	.73458	.77394	.67369	.60176	.18907	.90419	.91242	.89413
.601	-3.379	.74984	.78911	.69005	.61864	.20576	.89811	.91371	.89526
.601	-2.863	.76020	.79941	.70191	.63039	.21971	.88619	.91282	.89419
.601	-2.344	.77389	.81173	.71670	.64620	.23653	.87788	.91340	.89486
.600	-1.823	.78454	.82179	.72879	.65846	.25061	.86650	.91187	.89340
.600	-1.298	.79690	.83433	.74226	.67232	.26512	.85702	.91344	.89523
.601	-.771	.80893	.84653	.75650	.68661	.28207	.84730	.91266	.89472
.601	-.250	.81987	.85751	.76898	.69978	.29642	.83752	.91192	.89454
.600	.243	.82908	.86769	.78028	.71160	.30935	.82689	.91017	.89344
.600	.735	.84020	.87915	.79315	.72484	.32483	.81856	.91016	.89408
.601	1.213	.84938	.88811	.80345	.73544	.33720	.80899	.90970	.89448
GRADIENT		.02253	.02246	.02541	.02614	.02870	-.01881	-.00037	-.02480

RUN NO. 1468/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPC4	CPC5	CPC6	CPC7
.800	-6.959	.74535	.77747	.67243	.59797	.16575	1.03006	.98077	.89691
.800	-6.448	.75814	.79159	.68705	.61293	.18094	1.02212	.98208	.88584
.800	-5.946	.77015	.80516	.70005	.62682	.19495	1.01389	.98308	.87477
.800	-5.437	.78261	.81899	.71423	.64119	.21043	1.00590	.98399	.86420
.800	-4.933	.79325	.83063	.72602	.65355	.22357	.99632	.98427	.85215
.800	-4.430	.80507	.84326	.73933	.66730	.23810	.98831	.98491	.84198
.800	-3.921	.81594	.85483	.75171	.67952	.25231	.97922	.98540	.83028
.800	-3.413	.82809	.86717	.76560	.69360	.26806	.97123	.98559	.81938
.800	-2.904	.83910	.87736	.77858	.70668	.28228	.96128	.98601	.80669
.800	-2.388	.85054	.88862	.79171	.72031	.29787	.95197	.98589	.79441
.800	-1.878	.86161	.89998	.80435	.73331	.31256	.94252	.98572	.79441
.800	-1.353	.87164	.91011	.81575	.74526	.32637	.93222	.98520	.78236
.800	-.837	.88258	.92207	.82881	.75869	.34160	.92298	.98496	.76825
.800	-.326	.89334	.93314	.84137	.77226	.35712	.91369	.98425	.75620
.800	.164	.90280	.94361	.85267	.78414	.37022	.90418	.98382	.74350
.800	.663	.91355	.95452	.86497	.79704	.38613	.89517	.98338	.73016
.800	1.151	.92207	.96395	.87562	.80807	.39896	.88494	.98227	.71777
GRADIENT		.02121	.02178	.02460	.02544	.02888	-.01837	-.00035	-.02443

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(RCM052) (03 OCT 91)

PARAMETRIC DATA

RUN NO. 1502/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00 BETA = 1.500 PHI = 180.000

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
.900	-6.954	.80702	.83844	.73588	.66248	.23749	1.08000	1.05764	1.15106	.94836	.61466
.900	-6.441	.81841	.85151	.74917	.67624	.25183	1.07155	1.05851	1.15140	.93703	.60086
.900	-5.938	.83046	.86496	.76218	.68988	.26615	1.06410	1.05929	1.15180	.92675	.58788
.901	-5.429	.84145	.87710	.77497	.70305	.28045	1.05538	1.05897	1.15097	.91582	.57485
.900	-4.924	.85210	.88907	.78664	.71542	.29288	1.04691	1.05933	1.15097	.90487	.56102
.900	-4.420	.86309	.90077	.79925	.72806	.30678	1.03870	1.05945	1.15092	.89484	.54812
.900	-3.913	.87364	.91227	.81147	.74018	.32037	1.03012	1.05974	1.15120	.88376	.53446
.900	-3.403	.88486	.92341	.82435	.75336	.33438	1.02181	1.05981	1.15125	.87289	.52092
.900	-2.892	.89501	.93262	.83642	.76573	.34840	1.01229	1.05903	1.15055	.86041	.50625
.900	-2.379	.90606	.94398	.84913	.77864	.36280	1.00352	1.05927	1.15093	.84884	.49212
.898	-1.862	.91573	.95373	.86002	.78995	.37520	.99365	1.05833	1.15038	.83573	.47705
.900	-1.343	.92850	.96659	.87403	.80453	.39239	.98657	1.05526	1.14789	.82514	.46587
.900	-.825	.93715	.97606	.88490	.81598	.40618	.97586	1.05795	1.15102	.81183	.45205
.900	-.313	.94702	.98690	.89688	.82846	.42043	.96654	1.05644	1.15004	.79938	.43854
.900	.180	.95695	.99755	.90856	.84106	.43426	.95852	1.05575	1.14983	.78727	.42574
.900	.676	.96644	1.00780	.91984	.85272	.44805	.94893	1.05488	1.14980	.77441	.41206
.900	1.160	.97515	1.01670	.93035	.86371	.46113	.94027	1.05401	1.14957	.76231	.39903
GRADIENT		.02028	.02093	.02363	.02444	.02775	-.01757	-.00094	-.00027	-.02354	-.02661

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.100	-6.984	.95989	.98859	.89334	.82456	.43891	1.20837	1.22916	1.28866	1.08540	.78034
1.100	-6.474	.97034	1.00042	.90545	.83716	.45173	1.20117	1.22911	1.28863	1.07529	.76796
1.100	-5.973	.98048	1.01209	.91686	.84897	.46391	1.19410	1.22918	1.28871	1.06548	.75592
1.100	-5.473	.99076	1.02390	.92886	.86090	.47657	1.18673	1.22898	1.28861	1.05561	.74392
1.100	-4.973	1.00044	1.03469	.93934	.87245	.48559	1.17887	1.22834	1.28822	1.04600	.73154
1.100	-4.472	1.00993	1.04466	.95015	.88353	.50023	1.17102	1.22790	1.28815	1.03602	.71942
1.100	-3.964	1.01899	1.05437	.96064	.89405	.51130	1.16321	1.22704	1.28759	1.02633	.70763
1.100	-3.465	1.02973	1.06490	.97305	.90651	.52481	1.15586	1.22714	1.28807	1.01687	.69587
1.100	-2.962	1.03887	1.07409	.98377	.91786	.53679	1.14727	1.22630	1.28766	1.00564	.68260
1.100	-2.462	1.04834	1.08354	.99480	.92874	.54941	1.13913	1.22537	1.28732	.99518	.67060
1.100	-1.957	1.05754	1.09290	1.00535	.93979	.56180	1.13093	1.22445	1.28703	.98419	.65802
1.100	-1.446	1.06672	1.10247	1.01610	.95099	.57459	1.12295	1.22376	1.28713	.97368	.64633
1.100	-.949	1.07482	1.11128	1.02583	.96112	.58535	1.11444	1.22275	1.28672	.96234	.63399
1.100	-.448	1.08386	1.12095	1.03653	.97236	.59897	1.10660	1.22193	1.28670	.95156	.62251
1.100	.039	1.09222	1.13023	1.04696	.98340	.61167	1.09868	1.22048	1.28635	.94055	.61073
1.100	.545	1.10075	1.13931	1.05717	.99438	.62415	1.08985	1.21918	1.28602	.92868	.59856
1.100	1.051	1.10991	1.14898	1.06788	1.00550	.63682	1.08172	1.21850	1.28649	.91766	.58658
GRADIENT		.01814	.01887	.02132	.02207	.02471	-.01616	-.00168	-.00035	-.02139	-.02412

IA310 (AEDC 16TF-783) PROBE CALIBRATION (RCM052) (03 OCT 91)

PARAMETRIC DATA

BETA = 1.500 PHI = 180.000

RUN NO. 1525/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.250	-6.965	1.02715	1.06076	.96289	.89268	.50668	1.28255	1.24692	1.31146	1.15192	.84232
1.250	-6.447	1.03771	1.07318	.97497	.90496	.51931	1.27515	1.24817	1.31202	1.14118	.82978
1.250	-5.947	1.04815	1.08526	.98683	.91713	.53222	1.26776	1.24972	1.31305	1.13139	.81802
1.250	-5.444	1.05804	1.09654	.99820	.92880	.54422	1.25872	1.25015	1.31286	1.12110	.80505
1.250	-4.945	1.06700	1.10637	1.00872	.93976	.55573	1.24870	1.24855	1.31094	1.11077	.79278
1.250	-4.439	1.07677	1.11646	1.01951	.95070	.56754	1.24084	1.24888	1.31081	1.10138	.78128
1.250	-3.929	1.08698	1.12617	1.03101	.96266	.58005	1.23286	1.24994	1.31159	1.09141	.76930
1.250	-3.424	1.09670	1.13622	1.04259	.97454	.59252	1.22456	1.25003	1.31154	1.08107	.75731
1.250	-2.913	1.10663	1.14609	1.05388	.98563	.60482	1.21602	1.24954	1.31088	1.07020	.74494
1.250	-2.406	1.11670	1.15626	1.06508	.99725	.61747	1.20761	1.24942	1.31074	1.05909	.73234
1.250	-1.892	1.12617	1.16627	1.07585	1.00842	.62980	1.19955	1.24886	1.31020	1.04797	.72021
1.250	-1.379	1.13562	1.17625	1.08690	1.01988	.64300	1.19148	1.24895	1.31039	1.03686	.70873
1.250	-.865	1.14473	1.18576	1.09752	1.03089	.65526	1.18294	1.24887	1.31053	1.02531	.69668
1.250	-.357	1.15437	1.19629	1.10880	1.04304	.66834	1.17479	1.24757	1.30953	1.01409	.68527
1.250	.132	1.16302	1.20574	1.11939	1.05409	.68047	1.16648	1.24726	1.30954	1.00265	.67393
1.250	.632	1.17186	1.21462	1.12974	1.06488	.69262	1.15784	1.24669	1.30939	.99068	.66217
1.250	1.123	1.18097	1.22369	1.14013	1.07565	.70461	1.14973	1.24623	1.30936	.97974	.65102
GRADIENT		.01876	.01942	.02167	.02243	.02463	-.01631	-.00048	-.00034	-.02174	-.02344

RUN NO. 1541/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.399	-6.974	1.03467	1.08751	.97994	.90740	.51952	1.31695	1.28784	1.34610	1.17754	.86213
1.400	-6.450	1.04430	1.09940	.99164	.91934	.53100	1.30667	1.28848	1.34578	1.16560	.84859
1.400	-5.950	1.05497	1.11139	1.00494	.93216	.54356	1.29793	1.28866	1.34536	1.15540	.83689
1.400	-5.448	1.06474	1.12251	1.01611	.94391	.55489	1.28769	1.28970	1.34584	1.14367	.82379
1.400	-4.948	1.07502	1.13349	1.02797	.95588	.56695	1.27823	1.29030	1.34610	1.13292	.81142
1.400	-4.438	1.08511	1.14360	1.03899	.96729	.57843	1.26900	1.28938	1.34484	1.12215	.79936
1.400	-3.932	1.09544	1.15450	1.05097	.97944	.59073	1.25956	1.29052	1.34561	1.11143	.78726
1.401	-3.429	1.10638	1.16544	1.06312	.99174	.60325	1.24964	1.29018	1.34503	1.10022	.77461
1.400	-2.924	1.11778	1.17716	1.07588	1.00466	.61610	1.24011	1.28992	1.34469	1.08918	.76175
1.400	-2.409	1.12789	1.18740	1.08726	1.01626	.62837	1.22926	1.29009	1.34484	1.07644	.74792
1.400	-1.901	1.13889	1.19874	1.09962	1.02854	.64168	1.22055	1.28978	1.34456	1.06553	.73591
1.400	-1.394	1.14802	1.20791	1.10960	1.03893	.65296	1.21054	1.28980	1.34471	1.05254	.72246
1.400	-.878	1.15819	1.21924	1.12184	1.05152	.66555	1.20150	1.28888	1.34398	1.04044	.71092
1.400	-.371	1.16834	1.22991	1.13334	1.06334	.67898	1.19227	1.28826	1.34363	1.02710	.69807
1.400	.116	1.17749	1.24025	1.14462	1.07521	.69165	1.18258	1.28761	1.34334	1.01493	.68651
1.400	.618	1.18813	1.25116	1.15680	1.08799	.70487	1.17377	1.28692	1.34316	1.00229	.67479
1.400	1.114	1.19686	1.26033	1.16724	1.09886	.71689	1.16356	1.28677	1.34355	.98928	.66260
GRADIENT		.02020	.02106	.02306	.02362	.02484	-.01889	-.00058	-.00042	-.02375	-.02470

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(RCM052) (03 OCT 91)

PARAMETRIC DATA

RUN NO. 1559/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00
BETA = 1.500 PHI = 180.000

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPC01	CPU	CPC4	CPC5	CPC6	CPC02
1.450	-6.946	1.01949	1.08989	.98027	.90874	.52335	1.31586	1.28589	1.34468	1.17934	.86832
1.450	-6.426	1.02891	1.10111	.99189	.92070	.53386	1.30470	1.28625	1.34439	1.16746	.85491
1.450	-5.924	1.03942	1.11276	1.00485	.93358	.54615	1.29379	1.28690	1.34404	1.15649	.84224
1.450	-5.415	1.04899	1.12401	1.01651	.94570	.55758	1.28227	1.28776	1.34431	1.14537	.82971
1.450	-4.912	1.05843	1.13414	1.02770	.95699	.56915	1.27131	1.28816	1.34419	1.13355	.81676
1.450	-4.399	1.06999	1.14550	1.04007	.96884	.58135	1.26266	1.28800	1.34358	1.12280	.80434
1.450	-3.889	1.08019	1.15740	1.05246	.98110	.59416	1.25254	1.28908	1.34436	1.11214	.79224
1.450	-3.380	1.09084	1.16888	1.06503	.99343	.60675	1.24092	1.28865	1.34362	1.10056	.77948
1.449	-2.864	1.10036	1.17865	1.07534	1.00378	.61779	1.22821	1.28737	1.34212	1.08748	.76400
1.450	-2.351	1.11148	1.18998	1.08812	1.01685	.63168	1.21700	1.28879	1.34342	1.07633	.75173
1.450	-1.828	1.12155	1.20011	1.09931	1.02893	.64486	1.20680	1.28751	1.34214	1.06441	.73939
1.450	-1.305	1.13319	1.21132	1.11129	1.04137	.65842	1.19735	1.28857	1.34331	1.05220	.72741
1.449	-778	1.14405	1.22260	1.12305	1.05307	.67087	1.18776	1.28711	1.34187	1.03890	.71441
1.450	-261	1.15507	1.23458	1.13585	1.06604	.68387	1.17777	1.28738	1.34233	1.02461	.70103
1.450	.230	1.16746	1.24739	1.14954	1.07982	.69702	1.16980	1.28738	1.34268	1.01233	.68916
1.450	.724	1.17778	1.25771	1.16105	1.09132	.70984	1.15970	1.28661	1.34224	.99893	.67634
1.450	1.200	1.18679	1.26774	1.17217	1.10267	.72241	1.14940	1.28546	1.34153	.98710	.66492
GRADIENT		.02100	.02174	.02347	.02381	.02504	-.02001	-.00037	-.00036	-.02406	-.02488

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPC01	CPU	CPC4	CPC5	CPC6	CPC02
1.470	-6.949	.98305	1.07129	.96046	.88981	.50907	1.28528	1.31170	1.34344	1.16002	.84916
1.471	-6.430	.99244	1.08254	.97293	.90197	.52101	1.27361	1.31285	1.34425	1.14718	.83652
1.471	-5.929	1.00256	1.09477	.98602	.91468	.53274	1.26386	1.31313	1.34422	1.13618	.82418
1.470	-5.425	1.01165	1.10578	.99659	.92554	.54326	1.25139	1.31301	1.34399	1.12304	.80973
1.470	-4.917	1.02201	1.11785	1.00925	.93830	.55550	1.23971	1.31212	1.34295	1.11243	.79800
1.470	-4.411	1.03192	1.12848	1.02089	.94988	.56681	1.22830	1.31228	1.34314	1.10077	.78543
1.470	-3.902	1.04237	1.13939	1.03265	.96186	.57886	1.21674	1.31282	1.34373	1.08936	.77303
1.470	-3.393	1.05292	1.15043	1.04481	.97410	.59117	1.20541	1.31087	1.34193	1.07771	.76046
1.471	-2.874	1.06521	1.16171	1.05759	.98712	.60462	1.19571	1.31225	1.34354	1.06623	.74768
1.470	-2.359	1.07462	1.17189	1.06888	.99839	.61692	1.18114	1.31136	1.34303	1.05332	.73378
1.471	-1.842	1.08640	1.18329	1.08144	1.01141	.63065	1.17277	1.31083	1.34293	1.04215	.72234
1.470	-1.320	1.09515	1.19289	1.09212	1.02250	.64276	1.16050	1.31034	1.34285	1.02884	.70895
1.470	-.798	1.10569	1.20365	1.10414	1.03547	.65615	1.14975	1.30881	1.34193	1.01604	.69657
1.470	-.282	1.11570	1.21339	1.11500	1.04670	.66720	1.13800	1.30703	1.34092	1.00204	.68262
1.470	-.210	1.12777	1.22499	1.12774	1.05961	.68081	1.12998	1.30736	1.34205	.99134	.67157
1.470	.705	1.13795	1.23455	1.13825	1.07072	.69401	1.11970	1.30514	1.34165	.97822	.65920
1.470	1.187	1.14802	1.24429	1.14893	1.08187	.70691	1.11026	1.30501	1.34127	.96628	.64784
GRADIENT		.02058	.02066	.02288	.02356	.02478	-.02128	-.00123	-.00033	-.02397	-.02467

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(RCMO52) (03 OCT 91)

PARAMETRIC DATA

BETA = 1.500 PHI = 180.000

RUN NO. 1594/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.493	-6.952	.92773	1.06323	.95222	.88328	.50834	1.24641	1.26770	1.34236	1.15078	.84284
1.493	-6.438	.93465	1.07562	.96594	.89621	.51885	1.23104	1.26946	1.34344	1.13876	.82985
1.493	-5.932	.93645	1.08474	.97536	.90559	.52722	1.21191	1.26813	1.33975	1.12411	.81453
1.493	-5.429	.94115	1.09938	.98978	.91977	.53935	1.19743	1.26365	1.33466	1.11531	.80422
1.493	-4.921	.94657	1.11190	1.00223	.93216	.55078	1.18069	1.26464	1.33522	1.10387	.79232
1.493	-4.416	.94997	1.12292	1.01349	.94338	.56168	1.16176	1.26573	1.33595	1.09183	.77965
1.493	-3.907	.95567	1.13525	1.02496	.95518	.57336	1.14484	1.26686	1.33683	1.08044	.76771
1.493	-3.399	.95905	1.14670	1.03629	.96667	.58486	1.12517	1.26728	1.33701	1.06718	.75401
1.493	-2.886	.96426	1.15846	1.04851	.97889	.59754	1.10774	1.26770	1.33730	1.05475	.74071
1.493	-2.367	.96887	1.16925	1.06047	.99108	.60994	1.08958	1.26839	1.33802	1.04216	.72737
1.493	-1.856	.97379	1.17948	1.07248	1.00337	.62292	1.07183	1.26924	1.33890	1.03003	.71504
1.493	-1.331	.98016	1.18856	1.08390	1.01503	.63594	1.05481	1.26923	1.33907	1.01779	.70304
1.493	-.811	.98901	1.19775	1.09494	1.02644	.64862	1.04023	1.27003	1.34000	1.00482	.69091
1.492	-.298	1.00030	1.20686	1.10574	1.03772	.66186	1.02708	1.26980	1.34007	.99189	.67955
1.492	.194	1.01090	1.21583	1.11601	1.04839	.67404	1.01499	1.26939	1.34005	.97939	.66847
1.493	.691	1.02525	1.22561	1.12704	1.05973	.68663	1.00597	1.26676	1.33773	.96679	.65690
1.493	1.173	1.03971	1.23603	1.13823	1.07167	.69933	.99771	1.26594	1.33736	.95606	.64580
GRADIENT		.01440	.01999	.02229	.02284	.02449	-.03077	.00039	.00054	-.02437	-.02406

RUN NO. 1610/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.516	-6.957	.79556	1.06629	.95604	.88748	.51124	1.15735	1.27970	1.33207	1.15582	.85064
1.516	-6.438	.78535	1.07947	.96862	.89982	.52369	1.12442	1.27663	1.32832	1.14351	.83711
1.516	-5.933	.78184	1.09003	.97884	.90999	.53332	1.09614	1.27452	1.32478	1.12954	.82254
1.516	-5.429	.78732	1.10491	.99262	.92348	.54521	1.07591	1.27710	1.32709	1.12023	.81103
1.516	-4.921	.79579	1.11799	1.00458	.93533	.55589	1.05720	1.28107	1.33083	1.10922	.79823
1.516	-4.415	.79124	1.12773	1.01390	.94443	.56435	1.02855	1.27925	1.32851	1.09575	.78338
1.517	-3.908	.78856	1.14100	1.02711	.95769	.57676	1.00507	1.27645	1.32544	1.08578	.77168
1.517	-3.400	.78890	1.15368	1.03972	.97052	.58905	.98076	1.27840	1.32724	1.07485	.75944
1.516	-2.882	.79263	1.16478	1.05110	.98207	.60084	.95639	1.27926	1.32802	1.06124	.74503
1.516	-2.372	.80120	1.17649	1.06235	.99350	.61327	.93651	1.27967	1.32832	1.04805	.73139
1.516	-1.852	.81167	1.18810	1.07451	1.00562	.62615	.91878	1.28003	1.32883	1.03501	.71875
1.516	-1.332	.82285	1.19888	1.08593	1.01683	.63807	.90189	1.27963	1.32856	1.02084	.70563
1.516	-.811	.83359	1.21037	1.09931	1.03040	.65176	.88425	1.27926	1.32830	1.00681	.69344
1.516	-.296	.84571	1.22125	1.11230	1.04378	.66510	.86813	1.27906	1.32838	.99282	.68181
1.516	.195	.85805	1.23096	1.12422	1.05566	.67744	.85478	1.27763	1.32733	.97869	.66987
1.516	.689	.87280	1.24026	1.13596	1.06748	.69004	.84424	1.27577	1.32586	.96475	.65814
1.516	1.173	.88954	1.25050	1.14813	1.08002	.70237	.83760	1.27452	1.32511	.95282	.64854
GRADIENT		.01635	.02187	.02363	.02382	.02435	-.03612	-.00053	-.00038	-.02585	-.02467

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(RCM052) (03 OCT 91)

PARAMETRIC DATA

BETA = 1.500 PHI = 180.000

RUN NO. 1625/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPC1	CPU	CPC4	CPC5	CPC6	CP02
1.542	-6.952	.61989	1.06998	.95616	.88747	.50764	.96054	1.27881	1.28849	1.15236	.84911
1.542	-6.433	.63673	1.08110	.96929	.89999	.52044	.94249	1.27954	1.28851	1.13994	.83598
1.542	-5.932	.64992	1.09078	.98180	.91199	.53219	.92454	1.27997	1.28842	1.12791	.82302
1.542	-5.429	.66223	1.09813	.99393	.92363	.54324	.90757	1.27970	1.28774	1.11550	.80963
1.542	-4.926	.67661	1.10280	1.00566	.93473	.55358	.89388	1.27968	1.28740	1.10297	.79593
1.542	-4.416	.69267	1.11095	1.01929	.94765	.56547	.88282	1.28010	1.28750	1.09226	.78434
1.542	-3.906	.71191	1.11402	1.03179	.95952	.57651	.87592	1.28032	1.28745	1.08001	.77197
1.541	-3.400	.73595	1.11057	1.04390	.97105	.58726	.87456	1.27998	1.28695	1.06688	.75835
1.542	-2.882	.77706	1.09366	1.05611	.98374	.59931	.89100	1.27979	1.28651	1.05383	.74466
1.542	-2.367	.82650	1.07561	1.06788	.99644	.61184	.91590	1.28076	1.28723	1.04209	.73164
1.541	-1.853	.85412	1.08212	1.07865	1.00741	.62306	.92368	1.28072	1.28690	1.02938	.71858
1.541	-1.332	.87771	1.09741	1.09236	1.02016	.63526	.92880	1.28200	1.28787	1.01726	.70662
1.541	-.811	.89757	1.11797	1.10660	1.03232	.64752	.92981	1.28241	1.28794	1.00382	.69382
1.541	-.296	.91482	1.14619	1.12035	1.04496	.66009	.92967	1.28326	1.28874	.99112	.68214
1.541	.195	.93036	1.18185	1.13407	1.05757	.67371	.92824	1.28389	1.28953	.97966	.67270
1.541	.690	.93978	1.21931	1.14508	1.06831	.68590	.92130	1.28287	1.28949	.96632	.66174
1.541	1.172	.94916	1.26103	1.15600	1.07954	.69802	.91452	1.28213	1.28994	.95454	.65198
	GRADIENT	.04923	.02074	.02467	.02373	.02361	.00844	.00064	.00046	-.02445	-.02397

IA310 (AEDC 16TF-783) PROBE CALIBRATION (RCM053) (03 OCT 91)

PARAMETRIC DATA

RUN NO. 1579/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00 BETA = 2.000 PHI = 180.000

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
.600	-6.923	.65807	.69222	.59039	.51596	.10499	.95396	.90734	.89319	.82602	.49057
.599	-6.410	.67055	.70564	.60382	.53014	.11757	.94522	.90792	.89283	.81390	.47539
.598	-5.903	.68418	.71976	.61927	.54504	.13315	.93703	.90925	.89348	.80346	.46241
.599	-5.396	.69522	.73125	.63129	.55845	.14551	.92694	.90901	.89273	.79087	.44745
.600	-4.888	.70899	.74557	.64604	.57386	.16124	.91903	.91017	.89341	.78019	.43444
.600	-4.378	.72124	.75847	.66013	.58770	.17633	.91003	.91038	.89320	.76951	.42149
.600	-3.864	.73232	.77038	.67262	.60083	.19035	.90043	.91003	.89239	.75745	.40761
.600	-3.356	.74425	.78272	.68580	.61376	.20367	.89110	.91070	.89304	.74505	.39261
.600	-2.837	.75792	.79647	.70078	.62922	.21965	.88359	.91279	.89499	.73445	.37973
.600	-2.315	.76888	.80792	.71314	.64271	.23434	.87276	.91113	.89336	.72098	.36450
.600	-1.797	.78023	.81836	.72560	.65550	.24900	.86159	.91024	.89274	.70676	.34946
.600	-1.273	.79281	.83115	.74002	.67022	.26476	.85242	.90974	.89405	.69476	.33610
.600	-.756	.80419	.84271	.75352	.68387	.27966	.84269	.91106	.89405	.68153	.32192
.600	-.239	.81373	.85216	.76451	.69560	.29374	.83124	.90788	.89121	.66663	.30696
.600	.251	.82575	.86522	.77857	.70988	.30906	.82416	.90949	.89337	.65562	.29492
.600	.753	.83496	.87450	.78932	.72119	.32269	.81256	.90789	.89232	.64054	.28019
.600	1.235	.84748	.88701	.80293	.73509	.33788	.80542	.90889	.89403	.62920	.26880
	GRADIENT	.02247	.02283	.02548	.02627	.02877	-.01880	-.00038	-.00005	-.02489	-.02733

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
.800	-6.946	.74199	.77492	.67006	.59589	.16499	1.02638	1.07030	1.08175	.89724	.55511
.800	-6.433	.75399	.78838	.68366	.60970	.17916	1.01807	1.06937	1.08115	.88564	.54093
.800	-5.930	.76660	.80192	.69803	.62430	.19410	1.01006	1.06941	1.08176	.87515	.52787
.800	-5.424	.77821	.81379	.71057	.63799	.20853	1.00104	1.06863	1.08141	.86355	.51373
.800	-4.919	.79034	.82647	.72431	.65122	.22347	.99253	1.06809	1.08158	.85245	.50034
.800	-4.411	.80163	.83841	.73699	.66419	.23708	.98411	1.06767	1.08170	.84189	.48676
.800	-3.907	.81262	.85011	.74994	.67673	.25184	.97501	1.06587	1.08088	.83070	.47334
.800	-3.391	.82404	.86235	.76323	.69029	.26654	.96602	1.06547	1.08119	.81902	.45890
.800	-2.882	.83502	.87371	.77587	.70361	.28103	.95644	1.06351	1.08058	.80679	.44414
.800	-2.369	.84601	.88541	.78908	.71749	.29674	.94700	1.06263	1.08052	.79480	.43020
.800	-1.855	.85730	.89641	.80184	.73085	.31162	.93805	1.06114	1.08043	.78230	.41616
.800	-1.340	.86807	.90752	.81433	.74387	.32612	.92824	1.05967	1.07993	.76951	.40185
.800	-.826	.87915	.91911	.82695	.75731	.34109	.91954	1.05884	1.08035	.75727	.38813
.800	-.319	.88912	.92944	.83874	.76969	.35557	.90949	1.05676	1.07972	.74383	.37407
.800	.174	.89915	.94030	.85088	.78210	.37015	.90036	1.05488	1.07960	.73093	.36102
.800	.677	.90880	.95005	.86191	.79382	.38411	.89035	1.05267	1.07894	.71714	.34680
.800	1.167	.91896	.95981	.87328	.80556	.39802	.88110	1.05138	1.07923	.70427	.33288
	GRADIENT	.02115	.02195	.02457	.02556	.02885	-.01833	-.00278	-.00042	-.02441	-.02751

IA310 (AEDC 16TF-783) PROBE CALIBRATION (RCM053) (03 OCT 91)

PARAMETRIC DATA

BETA = 2.000 PHI = 180.000

RUN NO. 1503/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPC01	CPU	CPC4	CPC5	CPC6	CP02
.899	-6.941	.80409	.83624	.73312	.65994	.23675	1.07651	1.04786	1.14361	.94824	.61275
.900	-6.424	.81589	.84973	.74729	.67385	.25149	1.06854	1.05178	1.14703	.93761	.59965
.900	-5.920	.82722	.86202	.76014	.68744	.26502	1.06064	1.05449	1.14956	.92690	.58606
.900	-5.411	.83808	.87364	.77213	.70084	.27917	1.05169	1.05552	1.15026	.91578	.57230
.900	-4.911	.84903	.88538	.78487	.71304	.29249	1.04309	1.05506	1.14957	.90509	.55912
.900	-4.400	.86036	.89706	.79733	.72598	.30620	1.03509	1.05481	1.14914	.89518	.54610
.900	-3.890	.87080	.90828	.80935	.73791	.31962	1.02619	1.05423	1.14851	.88407	.53239
.900	-3.382	.88116	.91893	.82130	.75047	.33324	1.01748	1.05362	1.14791	.87246	.51844
.900	-2.874	.89238	.93092	.83441	.76396	.34793	1.00877	1.05352	1.14784	.86119	.50481
.900	-2.354	.90285	.94114	.84687	.77659	.36230	.99967	1.05304	1.14754	.84910	.49082
.900	-1.843	.91377	.95208	.85930	.78965	.37696	.99089	1.05321	1.14779	.83743	.47800
.900	-1.326	.92392	.96274	.87127	.80203	.39112	.98158	1.05294	1.14786	.82475	.46424
.900	-.811	.93384	.97338	.88290	.81408	.40512	.97239	1.05246	1.14791	.81226	.45064
.900	-.303	.94374	.98371	.89461	.82625	.41961	.96314	1.05176	1.14769	.79978	.43744
.900	.189	.95246	.99329	.90507	.83768	.43224	.95367	1.05031	1.14684	.78683	.42376
.900	.691	.96260	1.00399	.91707	.85017	.44661	.94502	1.04650	1.14641	.77469	.41064
.900	1.181	.97173	1.01343	.92780	.86123	.46013	.93572	1.04557	1.14608	.76222	.39720
GRADIENT		.02013	.02097	.02352	.02440	.02762	-.01767	-.00131	-.00045	-.02361	-.02655

RUN NO. 1510/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPC01	CPU	CPC4	CPC5	CPC6	CP02
1.099	-6.983	.95711	.98703	.89122	.82265	.43804	1.20502	1.21470	1.28445	1.08507	.77845
1.100	-6.469	.96745	.99893	.90348	.83486	.45081	1.19794	1.21489	1.28456	1.07528	.76645
1.100	-5.966	.97757	1.01014	.91468	.84717	.46291	1.19061	1.21494	1.28462	1.06537	.75414
1.100	-5.464	.98706	1.02056	.92610	.85842	.47482	1.18290	1.21409	1.28383	1.05529	.74187
1.100	-4.962	.99795	1.03207	.93787	.87077	.48783	1.17610	1.21473	1.28460	1.04653	.73040
1.100	-4.465	1.00713	1.04206	.94831	.88137	.49957	1.16804	1.21382	1.28384	1.03661	.71825
1.100	-3.960	1.01586	1.05108	.95838	.89131	.51046	1.15932	1.21318	1.28336	1.02598	.70547
1.100	-3.455	1.02592	1.06151	.97001	.90364	.52315	1.15205	1.21280	1.28339	1.01640	.69363
1.100	-2.954	1.03598	1.07169	.98147	.91592	.53589	1.14411	1.21275	1.28376	1.00621	.68141
1.100	-2.451	1.04576	1.08111	.99316	.92725	.54864	1.13623	1.21236	1.28375	.99581	.66946
1.100	-1.947	1.05479	1.09050	1.00376	.93839	.56165	1.12788	1.21149	1.28323	.98482	.65748
1.100	-1.446	1.06413	1.10011	1.01460	.94957	.57407	1.11986	1.21102	1.28336	.97397	.64553
1.100	-.940	1.07298	1.10976	1.02512	.96064	.58675	1.11199	1.21036	1.28320	.96335	.63400
1.100	-.445	1.08080	1.11807	1.03456	.97054	.59821	1.10297	1.20918	1.28270	.95156	.62129
1.100	.045	1.08952	1.12756	1.04516	.98167	.61081	1.09523	1.20857	1.28283	.94089	.60951
1.100	.556	1.09819	1.13666	1.05551	.99281	.62364	1.08650	1.20771	1.28258	.92918	.59745
1.100	1.060	1.10653	1.14560	1.06552	1.00320	.63585	1.07758	1.20685	1.28255	.91747	.58475
GRADIENT		.01816	.01889	.02137	.02218	.02477	-.01624	-.00124	-.00027	-.02140	-.02406

(RCM053) (03 OCT 91)

PARAMETRIC DATA

BETA = 2.000 PHI = 180.000

RUN NO. 1526/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.250	-6.957	1.02484	1.06009	.96138	.89098	.50656	1.27969	1.24267	1.30756	1.15273	.84128
1.250	-6.440	1.03479	1.07134	.97301	.90298	.51861	1.27166	1.24355	1.30763	1.14145	.82834
1.250	-5.934	1.04534	1.08310	.98485	.91569	.53157	1.26438	1.24439	1.30805	1.13162	.81651
1.250	-5.430	1.05525	1.09370	.99583	.92671	.54314	1.25607	1.24518	1.30816	1.12163	.80407
1.250	-4.925	1.06489	1.10394	1.00689	.93803	.55533	1.24636	1.24637	1.30737	1.11122	.79139
1.250	-4.420	1.07462	1.11432	1.01805	.94919	.56742	1.23795	1.24500	1.30722	1.10193	.78010
1.250	-3.916	1.08452	1.12371	1.02936	.96101	.57958	1.23012	1.24546	1.30756	1.09225	.76819
1.250	-3.403	1.09387	1.13333	1.04058	.97279	.59184	1.22111	1.24536	1.30720	1.08146	.75595
1.250	-2.896	1.10357	1.14292	1.05162	.98397	.60388	1.21251	1.24486	1.30662	1.07032	.74332
1.250	-2.387	1.11397	1.15377	1.06343	.99589	.61696	1.20474	1.24513	1.30685	1.05993	.73179
1.250	-1.874	1.12345	1.16376	1.07436	1.00726	.62946	1.19657	1.24503	1.30683	1.04873	.71966
1.250	-1.365	1.13247	1.17314	1.08478	1.01803	.64206	1.18768	1.24381	1.30566	1.03679	.70749
1.250	-.853	1.14231	1.18338	1.09610	1.02975	.65525	1.17996	1.24344	1.30545	1.02619	.69636
1.250	-.349	1.15194	1.19350	1.10715	1.04147	.66799	1.17218	1.24428	1.30657	1.01497	.68470
1.250	.139	1.16013	1.20258	1.11721	1.05218	.67968	1.16329	1.24338	1.30596	1.00302	.67276
1.250	.644	1.16830	1.21089	1.12708	1.06245	.69144	1.15408	1.24251	1.30561	.99088	.66079
1.250	1.138	1.17830	1.22118	1.13823	1.07390	.70391	1.14624	1.24098	1.30452	.98016	.64968
GRADIENT		.01868	.01934	.02164	.02241	.02461	-.01645	-.00054	-.00040	-.02179	-.02344

RUN NO. 1543/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.400	-6.961	1.03143	1.08514	.97723	.90485	.51847	1.31335	1.37560	1.39349	1.17716	.86017
1.400	-6.443	1.04213	1.09750	.99010	.91807	.53084	1.30467	1.37418	1.39235	1.16673	.84794
1.400	-5.938	1.05263	1.10880	1.00253	.93017	.54257	1.29514	1.37443	1.39314	1.15594	.83555
1.400	-5.435	1.06178	1.11954	1.01382	.94155	.55401	1.28447	1.37318	1.39238	1.14426	.82234
1.400	-4.931	1.07273	1.13125	1.02576	.95392	.56640	1.27559	1.37199	1.39170	1.13408	.81046
1.400	-4.431	1.08295	1.14135	1.03736	.96599	.57830	1.26650	1.37185	1.39203	1.12324	.79830
1.400	-3.920	1.09256	1.15141	1.04895	.97768	.58998	1.25618	1.36992	1.39098	1.11192	.78550
1.400	-3.416	1.10378	1.16279	1.06129	.99018	.60251	1.24701	1.36919	1.39073	1.10069	.77288
1.400	-2.903	1.11504	1.17391	1.07361	1.00273	.61517	1.23747	1.36901	1.39165	1.08923	.76021
1.400	-2.397	1.12434	1.18369	1.08439	1.01377	.62682	1.22616	1.36692	1.39044	1.07623	.74634
1.400	-1.890	1.13532	1.19524	1.09708	1.02671	.64029	1.21704	1.36535	1.38983	1.06508	.73455
1.400	-1.377	1.14602	1.20573	1.10857	1.03815	.65337	1.20796	1.36518	1.39059	1.05295	.72243
1.400	-.867	1.15513	1.21582	1.11929	1.04935	.66559	1.19790	1.36320	1.38959	1.04034	.70995
1.400	-.364	1.16549	1.22659	1.13104	1.06140	.67846	1.18882	1.36186	1.38971	1.02802	.69752
1.400	.127	1.17480	1.23711	1.14244	1.07341	.69038	1.17925	1.36055	1.38974	1.01563	.68566
1.400	.630	1.18434	1.24713	1.15379	1.08537	.70387	1.16959	1.35786	1.38832	1.00280	.67357
1.400	1.128	1.19459	1.25746	1.16518	1.09709	.71654	1.16061	1.35721	1.38906	.99052	.66183
GRADIENT		.02013	.02092	.02299	.02357	.02484	-.01905	-.00251	-.00050	-.02375	-.02460

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(RCM053) (03 OCT 91)

PARAMETRIC DATA

BETA = 2.000 PHI = 180.000

RUN NO. 1560/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CP02
1.450	-6.926	1.01752	1.08746	.97872	.90721	.52291	1.31289	1.28548	1.34168	1.17894	.86651
1.450	-6.412	1.02659	1.09850	.99062	.91963	.53388	1.30134	1.28473	1.34015	1.16790	.85363
1.450	-5.899	1.03602	1.10941	.90236	.93141	.54496	1.29040	1.28604	1.34080	1.15646	.84020
1.450	-5.393	1.04693	1.12198	1.01534	.94474	.55769	1.27972	1.28563	1.33994	1.14601	.82853
1.449	-4.889	1.05574	1.13093	1.02569	.95538	.56860	1.26780	1.28550	1.33933	1.13384	.81481
1.449	-4.381	1.06708	1.14216	1.03797	.96740	.58099	1.25912	1.28741	1.34087	1.12333	.80236
1.450	-3.867	1.07716	1.15401	1.05058	.97958	.59360	1.24883	1.28639	1.33953	1.11253	.79045
1.450	-3.354	1.08813	1.16471	1.06201	.99062	.60523	1.23764	1.28661	1.33955	1.09960	.77658
1.450	-2.838	1.09780	1.17576	1.07389	1.00259	.61781	1.22527	1.28631	1.33915	1.08729	.76288
1.450	-2.321	1.10994	1.18791	1.08721	1.01596	.63160	1.21555	1.28649	1.33920	1.07642	.75143
1.450	-1.801	1.12043	1.19812	1.09851	1.02827	.64502	1.20474	1.28696	1.33976	1.06415	.73886
1.450	-1.283	1.13021	1.20845	1.10972	1.03991	.65781	1.19343	1.28527	1.33812	1.05121	.72588
1.449	-.763	1.14100	1.21909	1.12102	1.05149	.67016	1.18374	1.28594	1.33899	1.03785	.71280
1.451	-.252	1.15286	1.23132	1.13427	1.06500	.68445	1.17505	1.28584	1.33908	1.02525	.70082
1.450	.240	1.16295	1.24198	1.14615	1.07708	.69588	1.16515	1.28520	1.33864	1.01144	.68717
1.449	.738	1.17237	1.25264	1.15799	1.08885	.70836	1.15426	1.28361	1.33746	.99869	.67464
1.450	1.223	1.18320	1.26308	1.16975	1.10100	.72150	1.14542	1.28410	1.33835	.98702	.66318
	GRADIENT	.02077	.02151	.02339	.02378	.02502	-.02024	-.00039	-.00031	-.02420	-.02484

RUN NO. 1645/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CP02
1.470	-6.935	.98092	1.06884	.95887	.88832	.50934	1.28206	1.30182	1.33944	1.16056	.84790
1.470	-6.417	.99186	1.08089	.97215	.90155	.52119	1.27234	1.30364	1.34087	1.14940	.83625
1.470	-5.911	.99862	1.09118	.98326	.91250	.53181	1.25869	1.30233	1.33920	1.13558	.82152
1.471	-5.403	1.01095	1.10380	.99596	.92536	.54406	1.25006	1.30333	1.34000	1.12497	.80917
1.470	-4.897	1.01969	1.11433	1.00758	.93677	.55535	1.23694	1.30341	1.33997	1.11293	.79591
1.484	-4.389	1.02989	1.12518	1.01957	.94894	.56709	1.22567	1.30371	1.34028	1.10179	.78376
1.485	-3.881	1.03996	1.13613	1.03139	.96086	.57928	1.21362	1.30311	1.33968	1.09065	.77132
1.484	-3.365	1.05051	1.14719	1.04292	.97252	.59131	1.20214	1.30274	1.33938	1.07822	.75847
1.484	-2.855	1.06202	1.15862	1.05566	.98536	.60424	1.19159	1.30129	1.33812	1.06613	.74541
1.470	-2.336	1.07253	1.16863	1.06691	.99666	.61634	1.17993	1.30139	1.33846	1.05286	.73188
1.484	-1.821	1.08334	1.17910	1.07884	1.00896	.62943	1.16860	1.30104	1.33843	1.04064	.71962
1.471	-1.304	1.09439	1.19075	1.09153	1.02209	.64339	1.15834	1.30119	1.33906	1.02900	.70764
1.470	-.785	1.10436	1.20166	1.10306	1.03450	.65577	1.14748	1.29957	1.33808	1.01633	.69480
1.469	-.274	1.11449	1.21102	1.11377	1.04569	.66654	1.13633	1.29863	1.33767	1.00262	.68117
1.470	.219	1.12608	1.22278	1.12661	1.05876	.68027	1.12798	1.29897	1.33875	.99166	.67029
1.470	1.13482	1.13482	1.23155	1.13612	1.06870	.69213	1.11640	1.29628	1.33682	.97776	.65705
1.470	1.206	1.14670	1.24249	1.14797	1.08090	.70614	1.10826	1.29618	1.33749	.96665	.64619
	GRADIENT	.02075	.02094	.02299	.02364	.02462	-.02117	-.00121	-.00043	-.02413	-.02466

(RCM053) (03 OCT 91)

IA310 (AEDC 16TF-783) PROBE CALIBRATION

PARAMETRIC DATA

$$\text{BETA} = 2.000 \quad \text{PHI} = 180.000$$

RUN NO.	1595/ 0	RN/L =	2.50	GRADIENT INTERVAL =	-5.00/	5.00
---------	---------	--------	------	---------------------	--------	------

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CP01	CPU	CPC4	CPC5	CPC6	CP02
1.493	-6.939	.92675	1.06039	.95091	.88193	.50844	1.24392	1.26365	1.33541	1.15129	.84115
1.493	-6.426	.93292	1.07330	.96412	.89475	.51869	1.22807	1.26491	1.33593	1.13945	.82846
1.493	-5.914	.93854	1.08496	.97607	.90667	.52873	1.21337	1.26448	1.33485	1.12736	.81535
1.493	-5.410	.94273	1.09716	.98845	.91892	.53970	1.19773	1.26571	1.33553	1.11652	.80319
1.493	-4.904	.94478	1.10822	1.00009	.93033	.55034	1.17797	1.26559	1.33494	1.10430	.79039
1.493	-4.395	.95020	1.12064	1.01271	.94292	.56225	1.16097	1.26705	1.33602	1.09349	.77857
1.493	-3.887	.95622	1.13123	1.02350	.95380	.57330	1.14402	1.26708	1.33576	1.08120	.76580
1.493	-3.373	.96170	1.14259	1.03462	.96508	.58491	1.12636	1.26730	1.33579	1.06814	.75218
1.493	-2.863	.96718	1.15410	1.04664	.97728	.59711	1.10905	1.26726	1.33565	1.05558	.73887
1.493	-2.350	.97116	1.16413	1.05762	.98843	.60885	1.08987	1.26465	1.33297	1.04193	.72543
1.493	-1.832	.97579	1.17634	1.07101	1.00207	.62290	1.07175	1.26436	1.33261	1.03067	.71418
1.493	-1.314	.98478	1.18655	1.08313	1.01427	.63587	1.05719	1.26412	1.33253	1.01835	.70236
1.493	-.797	.99410	1.19641	1.09439	1.02575	.64873	1.04344	1.26455	1.33316	1.00607	.69092
1.493	-.289	1.00160	1.20558	1.10491	1.03678	.66136	1.02760	1.26422	1.33293	.99293	.67878
1.493	.202	1.01581	1.21558	1.11604	1.04831	.67420	1.01885	1.26470	1.33405	.98106	.66773
1.493	.705	1.02786	1.22532	1.12679	1.05947	.68674	1.00767	1.26441	1.33439	.96892	.65642
1.493	1.192	1.04127	1.23530	1.13752	1.07095	.69932	.99842	1.26462	1.33510	.95688	.64480
GRADIENT		.01498	.02067	.02259	.02307	.02455	-.03022	-.00047	-.00030	-.02429	-.02388

RUN NO.	1611/ 0	RN/L =	2.49	GRADIENT INTERVAL =	-5.00/ 5.00
---------	---------	--------	------	---------------------	-------------

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CP01	CPU	CPC4	CPC5	CPC6	CP02
1.516	-6.939	.78921	1.06299	.95266	.88456	.50960	1.15102	1.27089	1.32193	1.15390	.84743
1.516	-6.422	.78619	1.07469	.96425	.89602	.52094	1.12422	1.26970	1.32005	1.14131	.83341
1.516	-5.914	.77946	1.08855	.97778	.90926	.53326	1.09519	1.27138	1.32113	1.13101	.82203
1.516	-5.410	.78681	1.10156	.98990	.92125	.54411	1.07492	1.27278	1.32205	1.11977	.80899
1.516	-4.897	.79055	1.11457	1.00169	.93283	.55465	1.05098	1.27418	1.32310	1.10859	.79585
1.516	-4.396	.79706	1.12673	1.01372	.94458	.56538	1.03205	1.27522	1.32384	1.09714	.78273
1.516	-3.887	.78963	1.13859	1.02543	.95635	.57663	1.00357	1.27622	1.32464	1.08613	.76997
1.516	-3.378	.78987	1.14969	1.03668	.96791	.58801	.97917	1.27604	1.32428	1.07342	.75633
1.516	-2.863	.79493	1.16136	1.04889	.98023	.61050	.95785	1.27560	1.32425	1.06103	.74319
1.516	-2.346	.80095	1.17240	1.05973	.99128	.62589	.93605	1.27560	1.32378	1.04772	.72996
1.517	-1.834	.81007	1.18439	1.07235	1.00390	.63589	.91663	1.27496	1.32327	1.03477	.71775
1.516	-1.314	.82121	1.19502	1.08410	1.01555	.63816	.89944	1.27365	1.32203	1.02071	.70479
1.517	-.799	.83513	1.20698	1.09802	1.02962	.65232	.88606	1.27201	1.32057	1.00774	.69328
1.516	-.288	.84679	1.21739	1.11036	1.04201	.66436	.87076	1.26994	1.31864	.99286	.68029
1.516	.203	.86399	1.22915	1.12419	1.05558	.67809	.86158	1.27202	1.32169	.98101	.66966
1.517	.704	.87527	1.23831	1.13527	1.06688	.69014	.84870	1.27271	1.32269	.96625	.65754
1.516	1.195	.88858	1.24759	1.14630	1.07824	.70205	.83808	1.27038	1.32135	.95307	.64676
GRADIENT		.01666	.02192	.02385	.02398	.02447	-.03521	-.00083	-.00059	-.02567	-.02455

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(RCM053) (03 OCT 91)

PARAMETRIC DATA

BETA = 2.000 PHI = 180.000

RUN NO. 1626/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPC1	CPU	CPC4	CPC5	CPC6	CPO2
1.542	-6.938	.61815	1.07092	.95582	.88651	.50770	.96182	1.28071	1.28936	1.15282	.84748
1.541	-6.426	.63236	1.08164	.96782	.89761	.51922	.94032	1.27795	1.28593	1.13947	.83360
1.540	-5.921	.64581	1.09194	.97976	.90861	.52962	.92198	1.27535	1.28271	1.12629	.81943
1.541	-5.410	.66107	1.10341	.99402	.92194	.54186	.90629	1.27856	1.28440	1.11516	.80719
1.542	-4.902	.67512	1.11329	1.00734	.93462	.55359	.89288	1.28230	1.28795	1.10434	.79517
1.542	-4.395	.68930	1.12195	1.01940	.94592	.56418	.88039	1.28377	1.28910	1.09209	.78211
1.542	-3.887	.70666	1.13065	1.03250	.95830	.57547	.87132	1.28364	1.28882	1.08034	.76973
1.542	-3.373	.72465	1.13728	1.04426	.96929	.58605	.86540	1.28212	1.28712	1.06712	.75591
1.542	-2.863	.75234	1.13932	1.05801	.98225	.59844	.86870	1.28094	1.28580	1.05421	.74309
1.542	-2.350	.79974	1.11657	1.07172	.99535	.61045	.89175	1.27962	1.28432	1.04160	.73036
1.542	-1.828	.83919	1.10851	1.08368	1.00774	.62259	.90861	1.27841	1.28294	1.02882	.71764
1.542	-1.314	.86366	1.12007	1.09511	1.01934	.63393	.91389	1.27701	1.28118	1.01541	.70447
1.542	-.796	.88224	1.14074	1.10702	1.03094	.64617	.91459	1.27653	1.28041	1.00282	.69234
1.542	-.288	.89958	1.17134	1.11970	1.04338	.65938	.91425	1.27725	1.28077	.99073	.68126
1.542	.204	.91350	1.20441	1.13175	1.05540	.67222	.91138	1.27883	1.28247	.97847	.67084
1.542	.705	.92511	1.24279	1.14263	1.06691	.68515	.90540	1.27868	1.28273	.96594	.66041
1.542	1.194	.93528	1.27896	1.15363	1.07842	.69833	.89891	1.27856	1.28335	.95458	.65095
	GRADIENT	.04760	.02146	.02411	.02369	.02368	.00630	-.00101	-.00127	-.02471	-.02392

(RCM054) (03 OCT 91)

IA310 (AEDC 16TF-783) PROBE CALIBRATION

PARAMETRIC DATA

BETA = 2.500 PHI = 180.000

RUN NO. 1580/ 0		RN/L = 2.50		GRADIENT INTERVAL = -5.00/ 5.00		CPU		CPC4		CPC5		CPC6		CPC02	
MACH		CPB		CPC1		CPC2		CPC3		CPC01		CPC01		CPC01	
.600	ALPHA	.65383	.68827	.51329	.10355	.94927	.90739	.89341	.82653	.48881					
.599		.66653	.70112	.52737	.11793	.94039	.90725	.89259	.81514	.47450					
.599		.67939	.71450	.54163	.13169	.93244	.90823	.89307	.80422	.46068					
.600		.69132	.72692	.55554	.14636	.92263	.90734	.89165	.79243	.44753					
.599		.70415	.74038	.57009	.15942	.91363	.90958	.89352	.78089	.43222					
.600		.71605	.75292	.58392	.17444	.90391	.90875	.89236	.76933	.41901					
.600		.72766	.76537	.59722	.18739	.89465	.90891	.89245	.75759	.40446					
.600		.74107	.77883	.61241	.20408	.88669	.90917	.89254	.74658	.39266					
.600		.75179	.79034	.62536	.21766	.87609	.90812	.89154	.73335	.37759					
.600		.76396	.80284	.63904	.23215	.86661	.90950	.89296	.72019	.36166					
.600		.77669	.81536	.65369	.24854	.85735	.90889	.89263	.70785	.34828					
.600		.78840	.82722	.66737	.26348	.84743	.90861	.89267	.69506	.33441					
.601		.79926	.83780	.68051	.27868	.83680	.90748	.89194	.68104	.32012					
.600		.81053	.84979	.69415	.29350	.82780	.90764	.89271	.66843	.30647					
.600		.82137	.86114	.70687	.30779	.81885	.90753	.89327	.65586	.29328					
.600		.83070	.87065	.71857	.32163	.80803	.90474	.89132	.64185	.27973					
.600		.84200	.88183	.73099	.33502	.79982	.90551	.89295	.62875	.26626					
.600	GRADIENT	.02258	.02311	.02556	.02891	-.01868	-.00061	-.00005	-.02491	-.02724					

RUN NO. 1471/ 0		RN/L = 2.50		GRADIENT INTERVAL = -5.00/ 5.00		CPU		CPC4		CPC5		CPC6		CPC02	
MACH		CPB		CPC1		CPC2		CPC3		CPC01		CPC01		CPC01	
.800	ALPHA	.73781	.77119	.59228	.16405	1.02157	1.04296	.89736	.55336						
.800		.75025	.78407	.60684	.17886	1.01384	1.04267	.88663	.53993						
.800		.76208	.79657	.62048	.19306	1.00514	1.04263	.87522	.52578						
.800		.77423	.80917	.63425	.20712	.99654	1.04250	.86411	.51175						
.800		.78572	.82142	.64807	.22128	.98741	1.04149	.85285	.49814						
.801		.79778	.83403	.66206	.23686	.97894	1.04133	.84232	.48521						
.800		.80850	.84552	.67404	.25009	.96953	1.04043	.83066	.47082						
.800		.81938	.85682	.68689	.26420	.96033	1.03959	.81877	.45673						
.800		.83137	.86934	.70134	.28028	.95216	1.03898	.80808	.44370						
.800		.84201	.88055	.71417	.29519	.94278	1.03788	.79520	.42885						
.800		.85323	.89244	.72787	.31044	.93320	1.03718	.78270	.41490						
.800		.86364	.90321	.74101	.32453	.92368	1.03586	.76987	.40035						
.800		.87458	.91437	.75400	.33907	.91451	1.03481	.75709	.38630						
.800		.88503	.92554	.76682	.35375	.90529	1.03403	.74143	.37241						
.800		.89515	.93678	.77959	.36895	.89582	1.03227	.73157	.35966						
.800		.90417	.94603	.79056	.38217	.88525	1.03029	.71719	.34452						
.800		.91433	.95606	.80255	.39640	.87559	1.02875	.70378	.33063						
.800	GRADIENT	.02113	.02218	.02555	.02884	-.01831	-.00207	-.02451	-.02756						

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(RCM054) (03 OCT 91)

PARAMETRIC DATA

RUN NO. 1505/ 0		RN/L = 2.50		GRADIENT INTERVAL = -5.00/ 5.00		BETA = 2.500		PHI = 180.000		
ALPHA	CPB	CPC1	CPC2	CPC3	CP01	CPU	CPC4	CPC5	CPC6	CP02
-6.924	.79763	.83034	.72807	.65416	.23334	1.07001	1.14202	1.16074	.94680	.60825
-5.413	.81417	.84714	.74594	.67248	.25212	1.06707	1.14502	1.16415	.94049	.59988
-5.901	.82348	.85725	.75738	.68386	.26451	1.05683	1.14674	1.16679	.92790	.58482
-5.397	.83350	.86823	.76862	.69643	.27682	1.04747	1.14518	1.16606	.91623	.57045
-4.892	.84419	.87999	.78107	.70923	.29023	1.03820	1.14170	1.16356	.90509	.55679
-4.384	.85645	.89240	.79462	.72296	.30489	1.03053	1.13919	1.16193	.89548	.54457
-3.879	.86798	.90437	.80744	.73601	.31869	1.02274	1.13940	1.16322	.88536	.53137
-3.364	.87978	.91679	.82091	.74984	.33391	1.01563	1.14123	1.16613	.87524	.51902
-2.856	.88835	.92603	.83129	.76052	.34676	1.00462	1.14089	1.16690	.86177	.50389
-2.344	.89848	.93662	.84327	.77296	.36043	.99502	1.13782	1.16511	.84918	.48929
-1.830	.90979	.94818	.85639	.78653	.37589	.98634	1.13542	1.16402	.83760	.47666
-1.314	.91961	.95886	.86822	.79907	.39015	.97735	1.13347	1.16335	.82534	.46339
-.805	.93032	.96981	.88034	.81162	.40448	.96875	1.13237	1.16373	.81303	.44979
-.296	.93980	.98031	.89189	.82370	.41783	.95947	1.13030	1.16311	.80056	.43615
.193	.94915	.99033	.90294	.83532	.43147	.95035	1.12855	1.16287	.78783	.42268
.699	.95899	1.00033	.91429	.84722	.44550	.94132	1.12688	1.16302	.77527	.40944
1.191	.96866	1.01038	.92561	.85903	.45965	.93235	1.12498	1.16293	.76274	.39661
GRADIENT	.02020	.02125	.02360	.02450	.02775	-.01760	-.00280	-.00018	-.02367	-.02652

RUN NO. 1511/ 0		RN/L = 2.50		GRADIENT INTERVAL = -5.00/ 5.00							
MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.099	-6.976	.95331	.98370	.88834	.81949	.43656	1.20117	1.20373	1.28063	1.08515	.77656
1.100	-6.465	.96432	.99542	.90101	.83235	.45000	1.19463	1.20453	1.28126	1.07602	.76510
1.100	-5.962	.97384	1.00582	.91254	.84379	.46186	1.18693	1.20416	1.28078	1.06597	.75273
1.100	-5.457	.98396	1.01658	.92372	.85614	.47411	1.17962	1.20418	1.28089	1.05625	.74068
1.100	-4.961	.99418	1.02760	.93516	.86781	.48673	1.17193	1.20385	1.28071	1.04681	.72828
1.100	-4.461	1.00392	1.03803	.94631	.87920	.49854	1.16466	1.20378	1.28082	1.03736	.71660
1.100	-3.954	1.01331	1.04768	.95685	.88999	.51034	1.15629	1.20309	1.28022	1.02718	.70442
1.100	-3.449	1.02231	1.05729	.96747	.90090	.52198	1.14800	1.20246	1.27974	1.01686	.69206
1.100	-2.948	1.03192	1.06723	.97859	.91275	.53436	1.14007	1.20216	1.27969	1.00657	.68010
1.100	-2.443	1.04156	1.07731	.98999	.92466	.54736	1.13196	1.20184	1.27973	.99604	.66837
1.100	-1.943	1.05149	1.08739	1.00152	.93613	.56031	1.12421	1.20123	1.27982	.98544	.65647
1.100	-1.441	1.05995	1.09637	1.01168	.94686	.57254	1.11551	1.20013	1.27930	.97416	.64418
1.100	-.939	1.06878	1.10578	1.02193	.95761	.58495	1.10749	1.19970	1.27943	.96305	.63200
1.100	-.442	1.07774	1.11536	1.03266	.96871	.59755	1.09929	1.19859	1.27901	.95186	.61961
1.100	.050	1.08560	1.12379	1.04227	.97880	.60934	1.09053	1.19177	1.27728	.94047	.60764
1.100	.562	1.09428	1.13312	1.05259	.98997	.62187	1.08223	1.19122	1.27742	.92908	.59573
1.100	1.063	1.10233	1.14156	1.06226	1.00015	.63397	1.07310	1.18981	1.27673	.91707	.58304
GRADIENT		.01805	.01899	.02124	.02211	.02463	-.01638	-.00230	-.00061	-.02158	-.02410

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(RCM054) (03 OCT 91)

PARAMETRIC DATA

RUN NO. 1527/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00 BETA = 2.500 PHI = 180.000

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.250	1.02104	1.05607	.95805	.88768	.50519	1.27513	1.23880	1.33871	1.30387	1.15279	.83891
1.250	-6.945	1.06721	.97028	.89979	.51749	1.26799	1.23871	1.33871	1.30315	1.14233	.82690
1.250	-6.431	1.07873	.98240	.91246	.53019	1.26105	1.23995	1.33995	1.30381	1.13244	.81528
1.250	-5.924	1.08976	.99331	.92457	.54239	1.25266	1.24022	1.34022	1.30360	1.12244	.80282
1.250	-5.417	1.05188	.99331	.93551	.55450	1.24367	1.24049	1.34049	1.30356	1.11214	.79030
1.249	-4.916	1.06176	1.10003	1.00463	.56661	1.23475	1.24097	1.34097	1.30375	1.10237	.77837
1.250	-4.408	1.07171	1.11033	1.01590	.94700	1.22566	1.24074	1.34074	1.30323	1.09243	.76642
1.250	-3.898	1.08072	1.12003	1.02686	.95835	1.22566	1.24074	1.34074	1.30323	1.09243	.76642
1.250	-3.391	1.09036	1.12953	1.03776	.97007	1.21704	1.24054	1.34054	1.30287	1.08177	.75398
1.250	-2.882	1.10065	1.14009	1.04979	.98230	1.20936	1.24066	1.34066	1.30286	1.07156	.74287
1.250	-2.372	1.11066	1.15037	1.06112	.99386	1.20135	1.24126	1.34126	1.30342	1.06061	.73105
1.250	-1.868	1.11888	1.15938	1.07093	1.00408	1.19139	1.23978	1.33978	1.30197	1.04811	.71790
1.250	-1.356	1.12976	1.17057	1.08311	1.01650	1.18465	1.23933	1.33933	1.30166	1.03815	.70721
1.250	-1.848	1.13889	1.18015	1.09359	1.02744	1.17603	1.23955	1.33955	1.30208	1.02635	.69469
1.250	-.343	1.14781	1.18989	1.10426	1.03865	1.16757	1.23930	1.33930	1.30213	1.01485	.68286
1.250	.146	1.15663	1.19910	1.11465	1.04966	1.15947	1.23920	1.33920	1.30239	1.00358	.67153
1.250	.654	1.16473	1.20782	1.12433	1.05977	1.14982	1.23791	1.33791	1.30157	.99094	.65891
1.250	1.149	1.17443	1.21698	1.13499	1.07081	1.14153	1.23740	1.33740	1.30155	.97985	.64763
GRADIENT	.01859	.01940	.02155	.02236	.02448	-.01665	-.00052	-.00052	-.00035	-.02193	-.02352

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.400	-6.953	1.02917	1.08196	.97555	.90258	.51811	1.31082	1.35072	1.38775	1.17834	.85919
1.400	-6.436	1.03863	1.09272	.98751	.91495	.52947	1.30038	1.35016	1.38736	1.16643	.84569
1.400	-5.929	1.04943	1.10479	.99966	.92791	.54126	1.29146	1.34876	1.38611	1.15644	.83373
1.400	-5.422	1.05860	1.11548	1.01103	.93911	.55290	1.28095	1.34937	1.38702	1.14479	.82062
1.400	-4.918	1.06960	1.12706	1.02359	.95156	.56560	1.27190	1.34794	1.38597	1.13459	.80858
1.400	-4.416	1.07940	1.13716	1.03468	.96364	.57706	1.26226	1.34825	1.38662	1.12359	.79607
1.400	-3.911	1.08921	1.14749	1.04634	.97525	.58906	1.25183	1.34628	1.38523	1.11173	.78292
1.400	-3.406	1.10072	1.15945	1.05937	.98848	.60205	1.24337	1.34644	1.38600	1.10147	.77169
1.400	-2.893	1.11103	1.16995	1.07095	1.00040	.61421	1.23312	1.34565	1.38581	1.08938	.75884
1.400	-2.387	1.12155	1.18096	1.08293	1.01277	.62881	1.22332	1.34442	1.38520	1.07720	.74621
1.400	-1.880	1.13235	1.19227	1.09524	1.02524	.63983	1.21367	1.34332	1.38471	1.06519	.73372
1.400	-1.366	1.14270	1.20283	1.10672	1.03661	.65267	1.20400	1.34261	1.38512	1.05312	.72124
1.400	-.863	1.15215	1.21249	1.11725	1.04750	.66454	1.19403	1.34163	1.38508	1.04021	.70829
1.400	-.359	1.16207	1.22308	1.12872	1.05933	.67767	1.18449	1.33907	1.38357	1.02842	.69635
1.399	.132	1.17194	1.23312	1.13980	1.07085	.68996	1.17546	1.33858	1.38415	1.01618	.68452
1.400	.639	1.18123	1.24310	1.15078	1.08254	.70285	1.16559	1.33777	1.38453	1.00320	.67204
1.400	1.134	1.19119	1.25296	1.16191	1.09416	.71547	1.15620	1.33490	1.38282	.99075	.66044
GRADIENT	.02019	.02094	.02293	.02352	.02484	-.01911	-.00210	-.00210	-.00046	-.02380	-.02451

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(RCM054) (03 OCT 91)

PARAMETRIC DATA

BETA = 2.500 PHI = 180.000

RUN NO. 1561/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.450	-6.907	1.01413	1.08320	.97637	.90401	.52206	1.30856	1.28268	1.33734	1.17887	.86447
1.450	-6.392	1.02241	1.09321	.98706	.91593	.53216	1.29621	1.28303	1.33677	1.16668	.85056
1.450	-5.882	1.03436	1.10693	1.00069	.93047	.54520	1.28824	1.28315	1.33643	1.15772	.83953
1.450	-5.371	1.04347	1.11701	1.01194	.94167	.55649	1.27560	1.28439	1.33704	1.14616	.82604
1.450	-4.869	1.05403	1.12855	1.02473	.95463	.56930	1.26466	1.28475	1.33698	1.13512	.81348
1.449	-4.360	1.06343	1.13809	1.03557	.96537	.58038	1.25391	1.28387	1.33572	1.12319	.79980
1.450	-3.846	1.07435	1.15019	1.04839	.97774	.59313	1.24462	1.28491	1.33667	1.11249	.78774
1.450	-3.331	1.08483	1.16156	1.06033	.98936	.60520	1.23360	1.28445	1.33591	1.10059	.77537
1.450	-2.816	1.09600	1.17347	1.07300	1.00197	.61826	1.22311	1.28485	1.33621	1.08890	.76294
1.450	-2.304	1.10665	1.18415	1.08463	1.01376	.63057	1.21195	1.28429	1.33560	1.07580	.74979
1.450	-1.784	1.11661	1.19482	1.09624	1.02620	.64401	1.20039	1.28407	1.33542	1.06296	.73673
1.449	-1.267	1.12771	1.20520	1.10757	1.03795	.65654	1.19044	1.28340	1.33494	1.05025	.72405
1.451	-.755	1.13849	1.21623	1.11933	1.05008	.66990	1.18051	1.28303	1.33476	1.03768	.71155
1.450	-.246	1.14941	1.22715	1.13140	1.06251	.68338	1.17102	1.28304	1.33507	1.02531	.69912
1.450	.245	1.15931	1.23748	1.14299	1.07462	.69550	1.16093	1.28269	1.33513	1.01256	.68632
1.450	.749	1.17037	1.24853	1.15523	1.08715	.70838	1.15157	1.28193	1.33487	1.00064	.67441
1.450	1.238	1.18093	1.25849	1.16639	1.09858	.72106	1.14210	1.28200	1.33538	.98788	.66239
GRADIENT		.02082	.02134	.02318	.02366	.02499	-.02018	-.00047	-.00028	-.02420	-.02471

RUN NO. 1646/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.470	-6.918	.97790	1.06418	.95642	.88536	.50788	1.27854	1.29297	1.33540	1.16092	.84577
1.471	-6.398	.98907	1.07717	.96982	.89952	.52060	1.26884	1.29493	1.33695	1.15042	.83459
1.470	-5.895	.99612	1.08711	.98012	.91011	.53080	1.25516	1.29423	1.33592	1.13643	.81977
1.470	-5.385	1.00747	1.09877	.99290	.92258	.54295	1.24608	1.29488	1.33631	1.12548	.80759
1.470	-4.881	1.01751	1.11011	1.00506	.93479	.55474	1.23413	1.29461	1.33589	1.11357	.79394
1.470	-4.369	1.02760	1.12143	1.01765	.94735	.56682	1.22224	1.29525	1.33647	1.10214	.78097
1.471	-3.862	1.03810	1.13290	1.03013	.95990	.57966	1.21080	1.29569	1.33697	1.09186	.76965
1.470	-3.347	1.04758	1.14295	1.04078	.97084	.59097	1.19898	1.29346	1.33475	1.07917	.75645
1.470	-2.830	1.05824	1.15486	1.05331	.98337	.60393	1.18791	1.29401	1.33551	1.06665	.74410
1.470	-2.320	1.06953	1.16560	1.06501	.99518	.61606	1.17696	1.29359	1.33533	1.05324	.73066
1.484	-1.804	1.08018	1.17528	1.07619	1.00661	.62836	1.16528	1.29249	1.33467	1.03955	.71679
1.484	-1.291	1.09219	1.18739	1.08950	1.02025	.64192	1.15578	1.29250	1.33512	1.02893	.70530
1.484	-.777	1.10181	1.19682	1.10013	1.03135	.65397	1.14404	1.29043	1.33350	1.01553	.69214
1.470	-.267	1.11296	1.20792	1.11202	1.04259	.66636	1.13429	1.29108	1.33478	1.00357	.68032
1.484	.225	1.12221	1.21789	1.12287	1.05539	.67780	1.12335	1.28936	1.33368	.99092	.66768
1.470	.728	1.13389	1.22950	1.13529	1.06823	.69168	1.11506	1.28895	1.33399	.97960	.65679
1.484	1.219	1.14336	1.23830	1.14496	1.07820	.70358	1.10467	1.28768	1.33354	.96623	.64387
GRADIENT		.02078	.02101	.02295	.02358	.02437	-.02118	-.00122	-.00047	-.02428	-.02464

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(RCM054) (03 OCT 91)

PARAMETRIC DATA

RUN NO. 1596/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00 BETA = 2.500 PHI = 180.000

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.492	-6.926	.92457	1.05646	.94812	.87901	.50706	1.24027	1.25900	1.32969	1.15113	.83840
1.493	-6.404	.93049	1.06930	.96069	.89216	.51776	1.22529	1.25984	1.32982	1.13978	.82630
1.493	-5.902	.93777	1.08032	.97274	.90399	.52767	1.21087	1.25942	1.32875	1.12768	.81330
1.493	-5.392	.94173	1.09169	.98480	.91575	.53835	1.19520	1.25983	1.32869	1.11648	.80045
1.493	-4.888	.94616	1.10400	.99773	.92847	.55007	1.17789	1.26034	1.32873	1.10528	.78840
1.493	-4.378	.94953	1.11576	1.00998	.94056	.56160	1.15897	1.26053	1.32852	1.09383	.77603
1.493	-3.865	.95334	1.12551	1.01987	.95063	.57166	1.14017	1.25988	1.32764	1.08045	.76213
1.493	-3.357	.96075	1.13777	1.03246	.96343	.58453	1.12444	1.26059	1.32812	1.06913	.75057
1.493	-2.844	.96756	1.14905	1.04415	.97515	.59638	1.10821	1.26035	1.32765	1.05642	.73779
1.493	-2.331	.97540	1.16121	1.05705	.98803	.60975	1.09268	1.25996	1.32730	1.04429	.72594
1.493	-1.818	.98133	1.17236	1.06916	1.00037	.62244	1.07542	1.26408	1.33159	1.03137	.71325
1.493	-1.301	.98859	1.18387	1.08170	1.01291	.63524	1.05949	1.26240	1.33014	1.01968	.70175
1.493	-.789	.99828	1.19310	1.09231	1.02368	.64762	1.04588	1.26407	1.33207	1.00648	.68944
1.493	-.283	1.00676	1.20218	1.10260	1.03445	.65983	1.03146	1.25982	1.32797	.99323	.67704
1.493	.208	1.01626	1.21267	1.11397	1.04623	.67259	1.01832	1.25864	1.32706	.98153	.66593
1.493	.716	1.02972	1.22302	1.12529	1.05790	.68548	1.00900	1.25837	1.32718	.96975	.65485
1.493	1.208	1.04619	1.23327	1.13625	1.06977	.69848	1.00287	1.25780	1.32712	.95827	.64368
	GRADIENT	.01579	.02119	.02282	.02321	.02446	-.02940	-.00025	-.00008	-.02427	-.02374

RUN NO. 1612/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.517	-6.923	.79272	1.05960	.95092	.88321	.50899	1.15258	1.26868	1.31945	1.15474	.84602
1.517	-6.409	.78820	1.07278	.96352	.89594	.52154	1.12596	1.27056	1.32075	1.14395	.83362
1.516	-5.899	.78062	1.08389	.97453	.90667	.53187	1.09536	1.27201	1.32171	1.13123	.82001
1.516	-5.391	.78809	1.09615	.98667	.91860	.54275	1.07502	1.27247	1.32178	1.11949	.80645
1.516	-4.890	.79265	1.10910	.99882	.93058	.55375	1.05232	1.27145	1.32040	1.10797	.79336
1.517	-4.378	.79539	1.12108	1.01077	.94216	.56431	1.02955	1.26971	1.31844	1.09681	.78042
1.517	-3.870	.79195	1.13259	1.02237	.95365	.57522	1.00322	1.26823	1.31666	1.08514	.76703
1.516	-3.357	.79468	1.14460	1.03477	.96632	.58778	.98215	1.26773	1.31602	1.07385	.75495
1.517	-2.844	.79419	1.15644	1.04699	.97869	.60033	.95620	1.27000	1.31827	1.06183	.74294
1.516	-2.331	.80437	1.16799	1.05881	.99061	.61286	.93933	1.27201	1.32031	1.04877	.73001
1.516	-1.814	.81368	1.17935	1.07056	1.00248	.62566	.92062	1.27321	1.32166	1.03526	.71693
1.517	-1.300	.82164	1.18966	1.08166	1.01363	.63760	.90095	1.27223	1.32077	1.02114	.70381
1.516	-.788	.83230	1.20027	1.09352	1.02557	.65036	.88412	1.27044	1.31918	1.00683	.69080
1.517	-.282	.84684	1.21242	1.10776	1.04013	.66419	.87278	1.26946	1.31859	.99418	.67955
1.516	.209	.86020	1.22299	1.12042	1.05259	.67621	.86096	1.26774	1.31724	.98037	.66731
1.517	.714	.87212	1.23345	1.13269	1.06461	.68906	.84804	1.26660	1.31648	.96716	.65620
1.517	1.209	.88545	1.24330	1.14433	1.07652	.70145	.83643	1.26498	1.31539	.95420	.64546
	GRADIENT	.01576	.02202	.02383	.02396	.02445	-.03542	-.00053	-.00029	-.02552	-.02442

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(RCM054) (03 OCT 91)

PARAMETRIC DATA

RUN NO. 1627/ 0		RN/L = 2.49		GRADIENT INTERVAL = -5.00/ 5.00		BETA = 2.500		PHI = 180.000			
MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.541	-6.920	.61425	1.06864	.95180	.88253	.50589	.95927	1.27661	1.28194	1.15150	.84366
1.541	-6.406	.62858	1.08224	.96561	.89518	.51801	.93999	1.27720	1.28196	1.13993	.83140
1.541	-5.899	.64227	1.09497	.97832	.90731	.52988	.92194	1.27622	1.28062	1.12816	.81888
1.542	-5.391	.65775	1.10830	.99238	.92039	.54138	.90658	1.27760	1.28170	1.11685	.80662
1.541	-4.888	.66989	1.11885	1.00378	.93105	.55161	.88973	1.27597	1.27979	1.10330	.79197
1.541	-4.377	.68472	1.13148	1.01719	.94378	.56300	.87737	1.27639	1.28008	1.09216	.77963
1.541	-3.865	.69931	1.14245	1.02963	.95543	.57392	.86587	1.27653	1.28003	1.08008	.76702
1.541	-3.358	.71670	1.15523	1.04235	.96773	.58563	.85820	1.27749	1.28091	1.06856	.75500
1.541	-2.843	.73620	1.16670	1.05494	.97988	.59728	.85465	1.27952	1.28286	1.05545	.74234
1.541	-2.329	.76407	1.17442	1.06834	.99275	.60958	.85920	1.28140	1.28467	1.04263	.72990
1.541	-1.818	.80644	1.16378	1.08102	1.00431	.62067	.87798	1.27933	1.28266	1.02814	.71572
1.541	-1.301	.84288	1.16118	1.09458	1.01739	.63310	.89324	1.27645	1.27958	1.01576	.70375
1.541	-.790	.86544	1.17557	1.10608	1.02940	.64569	.89711	1.27476	1.27780	1.00305	.69176
1.541	-.282	.88431	1.20379	1.11813	1.04199	.65999	.89788	1.27703	1.27991	.99126	.68110
1.541	.210	.89677	1.23347	1.12782	1.05254	.67102	.89345	1.27847	1.28133	.97820	.66972
1.541	.713	.90699	1.26470	1.13868	1.06420	.68418	.88680	1.27676	1.27986	.96562	.65908
1.541	1.205	.91730	1.29173	1.14898	1.07535	.69666	.87970	1.27493	1.27863	.95339	.64913
	GRADIENT	.04563	.02387	.02404	.02377	.02379	.00363	-.00013	-.00023	-.02485	-.02372

IA310 (AEDC 16TF-783) PROBE CALIBRATION (RCM055) (03 OCT 91)

PARAMETRIC DATA

BETA = 3.000 PHI = 180.000

RUN NO. 1581/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPC4	CPC5	CPC6	CPO2
.600	-6.892	.64667	.68077	.58202	.50835	.10009	.94173	.89806	.48448
.599	-6.376	.65946	.69410	.59626	.52269	.11483	.93314	.89882	.47065
.600	-5.870	.67189	.70692	.61018	.53684	.12930	.92379	.89834	.45697
.600	-5.357	.68756	.72256	.62659	.55351	.14622	.91726	.90075	.44492
.599	-4.847	.69641	.73278	.63759	.56487	.15725	.90507	.89932	.42842
.600	-4.334	.71031	.74695	.65234	.57998	.17253	.89674	.90135	.41410
.600	-3.827	.72289	.76033	.66628	.59453	.18831	.88858	.90052	.40256
.600	-3.307	.73300	.77116	.67799	.60564	.19981	.87797	.90068	.38732
.600	-2.794	.74702	.78542	.69341	.62246	.21686	.87068	.90223	.37541
.600	-2.279	.75834	.79710	.70617	.63554	.23083	.86038	.90205	.36002
.600	-1.762	.76942	.80859	.71883	.64894	.24580	.84985	.89993	.34615
.600	-1.250	.78161	.82073	.73190	.66209	.25980	.84103	.89158	.33133
.600	-.737	.79364	.83343	.74593	.67678	.27610	.83177	.90055	.31797
.600	-.232	.80368	.84315	.75777	.68887	.29054	.82100	.89939	.30387
.600	.262	.81477	.85439	.77037	.70175	.30495	.81183	.89910	.29033
.600	.766	.82529	.86549	.78257	.71468	.31961	.80159	.89777	.27779
.600	1.258	.83646	.87653	.79488	.72740	.33382	.79303	.89806	.26504
	GRADIENT	.02274	.02334	.02565	.02648	.02887	-.01857	-.00042	-.02697

RUN NO. 1472/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPC4	CPC5	CPC6	CPO2
.800	-6.927	.73251	.76516	.66328	.58874	.16192	1.01542	.89708	.55012
.800	-6.405	.74533	.77879	.67754	.60376	.17690	1.00882	.88721	.53766
.800	-5.903	.75680	.79119	.69079	.61714	.19091	.99994	.87589	.52317
.800	-5.395	.76886	.80373	.70451	.63125	.20644	.99104	.86490	.51045
.800	-4.889	.78083	.81629	.71795	.64427	.22095	.98227	.85405	.49653
.800	-4.380	.79213	.82837	.73072	.65805	.23515	.97265	.84216	.48174
.800	-3.871	.80415	.84081	.74421	.67149	.24994	.96474	.83183	.46935
.800	-3.364	.81463	.85186	.75671	.68418	.26325	.95509	.81956	.45515
.800	-2.854	.82588	.86386	.76960	.69749	.27780	.94653	.80811	.44121
.800	-2.345	.83680	.87523	.78206	.71039	.29227	.93667	.79525	.42624
.800	-1.832	.84778	.88720	.79497	.72393	.30756	.92750	.78309	.41256
.800	-1.323	.85852	.89853	.80753	.73696	.32247	.91833	.77068	.39871
.800	-.812	.86888	.90922	.81938	.74983	.33711	.90843	.75717	.38426
.800	-.308	.87956	.92078	.83210	.76297	.35185	.89975	.74458	.37123
.800	.181	.88938	.93106	.84379	.77528	.36656	.88978	.73126	.35773
.800	.689	.89993	.94172	.85565	.78767	.38132	.88029	.71793	.34388
.800	1.185	.90941	.95148	.86659	.79912	.39467	.86999	.70411	.32941
	GRADIENT	.02118	.02232	.02456	.02553	.02876	-.01838	-.00036	-.02744

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(RCM055) (03 OCT 91)

PARAMETRIC DATA

BETA = 3.000 PHI = 180.000

RUN NO. 1506/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPC4	CPC5	CPC6	CP02
.899	-6.916	.79561	.82768	.72728	.65377	.23468	1.06691	1.12080	.60870
.900	-6.396	.80697	.83987	.74062	.66746	.24928	1.05885	1.12008	.59545
.900	-5.892	.81830	.85195	.75340	.68048	.26283	1.05124	1.11946	.58252
.900	-5.389	.82963	.86399	.76614	.69405	.27712	1.04274	1.11848	.56879
.900	-4.879	.84083	.87611	.77900	.70726	.29090	1.03433	1.11853	.55588
.900	-4.369	.85195	.88803	.79166	.72018	.30483	1.02557	1.11734	.54242
.900	-3.863	.86231	.89863	.80322	.73198	.31699	1.01670	1.11665	.52867
.900	-3.353	.87346	.91026	.81607	.74531	.33108	1.00861	1.11562	.51592
.900	-2.841	.88418	.92175	.82837	.75786	.34471	.99980	1.11474	.50243
.900	-2.331	.89477	.93293	.84096	.77053	.35964	.99064	1.11372	.48859
.900	-1.818	.90529	.94379	.85309	.78319	.37442	.98169	1.11280	.47550
.900	-1.308	.91504	.95406	.86452	.79522	.38812	.97219	1.11155	.46143
.900	-.801	.92503	.96495	.87646	.80756	.40242	.96316	1.11027	.44811
.900	-.294	.93554	.97609	.88872	.82047	.41701	.95482	1.10971	.43538
.900	.197	.94462	.98579	.89931	.83176	.42972	.94497	1.10821	.42130
.900	.703	.95470	.99623	.91112	.84418	.44428	.93627	1.10706	.40851
.900	1.196	.96417	1.00600	.92212	.85574	.45773	.92673	1.10503	.39476
GRADIENT		.02027	.02138	.02359	.02447	.02763	-.01767	-.00211	-.02646

RUN NO. 1512/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPC4	CPC5	CPC6	CP02
1.099	-6.970	.94985	.97927	.88587	.81708	.43561	1.19666	1.18747	.77420
1.099	-6.460	.95927	.98996	.89726	.82880	.44782	1.18937	1.18756	.76247
1.100	-5.957	.96919	1.00056	.90864	.84035	.46000	1.18232	1.18770	.75075
1.100	-5.457	.97994	1.01209	.92092	.85301	.47294	1.17554	1.18828	.73914
1.100	-4.955	.98984	1.02299	.93221	.86484	.48531	1.16795	1.18834	.72696
1.100	-4.453	.99974	1.03351	.94348	.87656	.49763	1.15990	1.18822	.71461
1.100	-3.953	1.00849	1.04303	.95381	.88721	.50877	1.15162	1.18747	.70215
1.100	-3.447	1.01865	1.05319	.96499	.89863	.52123	1.14438	1.18747	.69127
1.100	-2.945	1.02821	1.06331	.97605	.91014	.53359	1.13631	1.18724	.67969
1.100	-2.439	1.03704	1.07268	.98654	.92110	.54580	1.12684	1.18614	.66641
1.100	-1.939	1.04733	1.08338	.99858	.93316	.55909	1.12006	1.18522	.65551
1.100	-1.436	1.05564	1.09217	1.00855	.94373	.57094	1.11118	1.18572	.64286
1.100	-.934	1.06491	1.10189	1.01933	.95483	.58361	1.10301	1.18508	.63062
1.100	-.441	1.07303	1.11094	1.02919	.96526	.59552	1.09431	1.18411	.61822
1.100	.057	1.08192	1.12051	1.03989	.97653	.60835	1.08625	1.18351	.60649
1.100	.567	1.09002	1.12899	1.04958	.98685	.62031	1.07717	1.18268	.59393
1.100	1.063	1.09855	1.13797	1.05956	.99757	.63259	1.06864	1.18185	.58202
GRADIENT		.01810	.01914	.02125	.02209	.02457	-.01647	-.00107	-.02406

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(RCM055) (03 OCT 91)

PARAMETRIC DATA

BETA = 3.000 PHI = 180.000

RUN NO. 1528/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.250	-6.939	1.01780	1.05220	.95575	.88547	.50418	1.27190	1.23340	1.29915	1.15426	.83794
1.250	-6.420	1.02774	1.06302	.96727	.89723	.51615	1.26400	1.23480	1.29993	1.14327	.82533
1.250	-5.915	1.03756	1.07362	.97889	.90902	.52858	1.25593	1.23564	1.30027	1.13286	.81321
1.250	-5.409	1.04781	1.08501	.99042	.92105	.54092	1.24821	1.23609	1.30036	1.12303	.80085
1.250	-4.902	1.05695	1.09510	.99012	.93219	.55256	1.23891	1.23461	1.29843	1.11214	.78796
1.250	-4.394	1.06901	1.10732	1.01428	.94550	.56634	1.23189	1.23637	1.30001	1.10371	.77732
1.250	-3.887	1.07715	1.11599	1.02402	.95570	.57745	1.22142	1.23655	1.29996	1.09232	.76430
1.250	-3.383	1.08558	1.12490	1.03424	.96644	.58885	1.21200	1.23497	1.29812	1.08164	.75252
1.250	-2.875	1.09655	1.13612	1.04682	.97940	.60207	1.20487	1.23524	1.29834	1.07202	.74183
1.250	-2.361	1.10662	1.14642	1.05817	.99094	.61452	1.19690	1.23598	1.29907	1.06110	.72931
1.250	-1.858	1.11595	1.15649	1.06897	1.00206	.62701	1.18814	1.23582	1.29902	1.04980	.71719
1.250	-1.350	1.12494	1.16592	1.07948	1.01323	.63954	1.17958	1.23523	1.29853	1.03813	.70539
1.250	-.843	1.13440	1.17586	1.09039	1.02439	.65215	1.17117	1.23519	1.29872	1.02654	.69295
1.250	-.340	1.14287	1.18471	1.10031	1.03468	.66410	1.16221	1.23407	1.29791	1.01458	.68090
1.250	.150	1.15259	1.19522	1.11163	1.04669	.67686	1.15486	1.23299	1.29717	1.00393	.67014
1.250	.659	1.16194	1.20484	1.12232	1.05779	.68920	1.14624	1.23332	1.29795	.99202	.65830
1.250	1.155	1.16966	1.21244	1.13138	1.06753	.70064	1.13638	1.23301	1.29814	.97979	.64623
GRADIENT		.01858	.01943	.02152	.02234	.02448	-.01679	-.00046	-.00026	-.02198	-.02347

RUN NO. 1545/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.400	-6.942	1.02555	1.07735	.97280	.90028	.51736	1.30647	1.33017	1.38275	1.17895	.85731
1.400	-6.424	1.03528	1.08869	.98516	.91233	.52898	1.29635	1.32982	1.38235	1.16754	.84430
1.400	-5.921	1.04579	1.10029	.99729	.92470	.54039	1.28734	1.32924	1.38181	1.15739	.83231
1.400	-5.413	1.05514	1.11140	1.00874	.93670	.55206	1.27729	1.32936	1.38209	1.14604	.81925
1.400	-4.913	1.06519	1.12256	1.02072	.94853	.56437	1.26708	1.32790	1.38079	1.13515	.80665
1.400	-4.405	1.07622	1.13395	1.03303	.96117	.57678	1.25799	1.32795	1.38116	1.12427	.79444
1.400	-3.900	1.08574	1.14392	1.04397	.97307	.58848	1.24796	1.32732	1.38092	1.11273	.78200
1.400	-3.392	1.09661	1.15516	1.05638	.98577	.60065	1.23930	1.32677	1.38077	1.10198	.77023
1.399	-2.885	1.10607	1.16511	1.06734	.99706	.61207	1.22814	1.32605	1.38056	1.08917	.75665
1.400	-2.377	1.11779	1.17719	1.08035	1.01039	.62587	1.21906	1.32486	1.37998	1.07805	.74490
1.399	-1.869	1.12818	1.18768	1.09185	1.02207	.63806	1.20921	1.32443	1.38018	1.06529	.73167
1.400	-1.363	1.13833	1.19868	1.10354	1.03362	.65088	1.19946	1.32291	1.37948	1.05329	.71948
1.399	-.857	1.14846	1.20892	1.11464	1.04502	.66328	1.18967	1.32196	1.37927	1.04068	.70688
1.400	-.353	1.15878	1.21929	1.12604	1.05676	.67631	1.18033	1.32196	1.38018	1.02883	.69511
1.400	.135	1.16777	1.22881	1.13643	1.06752	.68847	1.17044	1.31957	1.37864	1.01609	.68290
1.400	.643	1.17840	1.23969	1.14813	1.07977	.70199	1.16143	1.31917	1.37933	1.00378	.67121
1.400	1.141	1.18785	1.24886	1.15838	1.09072	.71387	1.15175	1.31815	1.37921	.99064	.65886
GRADIENT		.02032	.02098	.02283	.02347	.02478	-.01914	-.00172	-.00035	-.02391	-.02448

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(RCM055) (03 OCT 91)

PARAMETRIC DATA

BETA = 3.000 PHI = 180.000

RUN NO. 1562/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CP02
1.450	-6.892	1.01085	1.08020	.97416	.90237	.52209	1.30486	1.27969	1.33339	1.18049	.86375
1.449	-6.374	1.02035	1.08947	.98480	.91312	.53170	1.29388	1.27984	1.33291	1.16736	.84929
1.450	-5.866	1.03023	1.10197	.99763	.92680	.54420	1.28340	1.28179	1.33419	1.15802	.83784
1.450	-5.361	1.03966	1.11270	1.00925	.93878	.55551	1.27167	1.28055	1.33254	1.14645	.82384
1.450	-4.847	1.05073	1.12462	1.02205	.95189	.56815	1.26130	1.28196	1.33357	1.13586	.81144
1.450	-4.339	1.06099	1.13544	1.03413	.96411	.58066	1.25027	1.28176	1.33310	1.12431	.79864
1.450	-3.829	1.07106	1.14673	1.04628	.97603	.59281	1.24000	1.28138	1.33238	1.11336	.78669
1.450	-3.316	1.08218	1.15784	1.05797	.98736	.60467	1.23019	1.28192	1.33287	1.10158	.77422
1.450	-2.801	1.09178	1.16857	1.06943	.99894	.61701	1.21831	1.28205	1.33287	1.08920	.76090
1.450	-2.284	1.10351	1.18087	1.08268	1.01224	.63080	1.20811	1.28074	1.33160	1.07770	.74901
1.449	-1.772	1.11252	1.19061	1.09276	1.02299	.64214	1.19645	1.28032	1.33128	1.06331	.73464
1.450	-1.261	1.12406	1.20194	1.10523	1.03579	.65553	1.18684	1.28032	1.33144	1.05124	.72255
1.450	-751	1.13574	1.21311	1.11721	1.04814	.66879	1.17705	1.28081	1.33221	1.03887	.71006
1.449	-241	1.14504	1.22245	1.12755	1.05885	.68087	1.16600	1.27891	1.33062	1.02518	.69668
1.449	.250	1.15619	1.23290	1.13910	1.07072	.69359	1.15667	1.27851	1.33067	1.01291	.68448
1.450	.757	1.16635	1.24327	1.15066	1.08267	.70633	1.14631	1.27854	1.33127	.99996	.67212
1.450	1.246	1.17761	1.25418	1.16241	1.09446	.71948	1.13744	1.27710	1.33028	.98774	.66079
GRADIENT		.02077	.02120	.02290	.02334	.02477	-.02042	-.00074	-.00047	-.02447	-.02488

RUN NO. 1647/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CP02
1.470	-6.903	.97516	1.06014	.95394	.88282	.50763	1.27497	1.28545	1.33220	1.16211	.84424
1.484	-6.386	.98471	1.07222	.96676	.89573	.51919	1.26380	1.28686	1.33323	1.15119	.83214
1.471	-5.881	.99347	1.08309	.97778	.90778	.53064	1.25145	1.28688	1.33290	1.13843	.81878
1.471	-5.369	1.00499	1.09559	.99127	.92103	.54324	1.24222	1.28732	1.33310	1.12749	.80642
1.470	-4.862	1.01351	1.10550	1.00207	.93200	.55401	1.22967	1.28625	1.33186	1.11387	.79156
1.471	-4.350	1.02531	1.11766	1.01544	.94543	.56695	1.21949	1.28714	1.33266	1.10314	.77973
1.470	-3.845	1.03352	1.12706	1.02579	.95605	.57777	1.20604	1.28677	1.33229	1.09073	.76639
1.470	-3.331	1.04415	1.13825	1.03785	.96826	.59023	1.19531	1.28515	1.33071	1.07936	.75430
1.471	-2.817	1.05561	1.15036	1.05086	.98136	.60341	1.18490	1.28661	1.33233	1.06843	.74264
1.471	-2.306	1.06540	1.16095	1.06217	.99274	.61542	1.17248	1.28497	1.33090	1.05468	.72898
1.470	-1.791	1.07790	1.17261	1.07455	1.00536	.62828	1.16317	1.28509	1.33137	1.04226	.71649
1.471	-1.281	1.08914	1.18380	1.08705	1.01812	.64121	1.15292	1.28554	1.33129	1.02974	.70425
1.471	-.769	1.10055	1.19492	1.09948	1.03087	.65413	1.14244	1.28358	1.33076	1.01778	.69206
1.471	-.263	1.11056	1.20461	1.10965	1.04210	.66558	1.13156	1.28339	1.33113	1.00453	.67930
1.470	.228	1.12107	1.21490	1.12074	1.05365	.67730	1.12130	1.28249	1.33088	.99224	.66710
1.471	.734	1.13142	1.22557	1.13252	1.06582	.69023	1.11181	1.28149	1.33061	.98043	.65554
1.471	1.228	1.14281	1.23541	1.14319	1.07684	.70297	1.10279	1.28016	1.33001	.96741	.64342
GRADIENT		.02127	.02140	.02322	.02384	.02443	-.02090	-.00100	-.00030	-.02416	-.02439

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(RCM055) (03 OCT 91)

PARAMETRIC DATA

BETA = 3.000 PHI = 180.000

RUN NO. 1597/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.493	-6.910	.92415	1.05356	.94652	.87680	.50714	1.23867	1.25682	1.32642	1.15335	.83791
1.493	-6.393	.92925	1.06417	.95758	.88861	.51636	1.22351	1.25665	1.32561	1.14057	.82430
1.493	-5.886	.93712	1.07646	.97011	.90176	.52716	1.20893	1.25705	1.32538	1.12916	.81184
1.493	-5.381	.94242	1.08778	.98248	.91386	.53808	1.19378	1.25814	1.32603	1.11774	.79880
1.493	-4.868	.94735	1.09972	.99523	.92627	.54957	1.17765	1.25990	1.32746	1.10636	.78647
1.493	-4.363	.95162	1.11087	1.00693	.93790	.56063	1.15956	1.26064	1.32796	1.09441	.77389
1.494	-3.856	.95536	1.12275	1.01898	.94997	.57241	1.14120	1.26248	1.32961	1.08302	.76218
1.493	-3.344	.96079	1.13267	1.02956	.96087	.58373	1.12417	1.26280	1.32980	1.07067	.74996
1.493	-2.830	.96830	1.14324	1.04057	.97227	.59550	1.10807	1.25888	1.32572	1.05704	.73649
1.493	-2.316	.97594	1.15539	1.05330	.98487	.60797	1.09226	1.25789	1.32476	1.04488	.72405
1.493	-1.804	.98605	1.16708	1.06569	.99730	.62097	1.07900	1.25775	1.32468	1.03249	.71207
1.493	-1.292	.99219	1.17840	1.07793	1.00948	.63350	1.06192	1.25712	1.32425	1.01972	.70007
1.493	-.784	1.00243	1.19007	1.09060	1.02211	.64700	1.04871	1.25789	1.32535	1.00804	.68860
1.493	-.279	1.01315	1.20043	1.10189	1.03373	.65971	1.03684	1.25880	1.32660	.99600	.67719
1.493	-.214	1.02313	1.21003	1.11239	1.04476	.67177	1.02402	1.25903	1.32733	.98333	.66542
1.493	.720	1.03481	1.21983	1.12324	1.05597	.68414	1.01318	1.25920	1.32803	.97081	.65372
1.493	1.213	1.04901	1.23015	1.13417	1.06764	.69712	1.00462	1.25563	1.32497	.95855	.64209
1.493	GRADIENT	.01663	.02159	.02304	.02336	.02440	-.02866	-.00066	-.00038	-.02434	-.02370

RUN NO. 1613/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.516	-6.909	.79855	1.05499	.94815	.88042	.50749	1.15495	1.26593	1.31685	1.15501	.84339
1.517	-6.393	.79249	1.06746	.95975	.89286	.51988	1.12835	1.26732	1.31772	1.14436	.83136
1.517	-5.885	.78726	1.07908	.97186	.90460	.53116	1.09899	1.26864	1.31852	1.13226	.81783
1.516	-5.383	.79001	1.09142	.98436	.91689	.54232	1.07628	1.26937	1.31896	1.12095	.80502
1.516	-4.870	.79475	1.10370	.99623	.92848	.55307	1.05414	1.26977	1.31907	1.10890	.79169
1.517	-4.359	.80285	1.11654	1.00911	.94092	.56476	1.03539	1.27005	1.31916	1.09769	.77895
1.516	-3.852	.80084	1.12705	1.02005	.95173	.57478	1.00930	1.26989	1.31885	1.08558	.76572
1.517	-3.344	.79677	1.13866	1.03229	.96419	.58712	.98253	1.26948	1.31838	1.07424	.75401
1.516	-2.829	.79817	1.14926	1.04320	.97533	.59844	.95879	1.26775	1.31662	1.06109	.74059
1.517	-2.315	.80441	1.16088	1.05576	.98791	.61171	.93830	1.26700	1.31593	1.04860	.72789
1.516	-1.806	.81474	1.17144	1.06633	.99875	.62354	.92198	1.26509	1.31413	1.03445	.71457
1.517	-1.293	.82607	1.18358	1.07917	1.01164	.63701	.90633	1.26445	1.31370	1.02220	.70316
1.517	-.785	.83720	1.19493	1.09156	1.02408	.65020	.89061	1.26318	1.31261	1.00850	.69049
1.517	-.278	.84690	1.20564	1.10351	1.03627	.66285	.87416	1.26141	1.31110	.99435	.67789
1.517	.215	.86245	1.21836	1.11787	1.05079	.67632	.86417	1.26306	1.31326	.98299	.66742
1.516	.720	.87424	1.22800	1.12929	1.06228	.68810	.85068	1.26665	1.31738	.96910	.65552
1.516	1.214	.88831	1.23597	1.13924	1.07240	.69912	.83875	1.26424	1.31554	.95394	.64313
1.516	GRADIENT	.01528	.02197	.02362	.02383	.02439	-.03560	-.00123	-.00092	-.02546	-.02439

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(RCM055) (03 OCT 91)

PARAMETRIC DATA

BETA = 3.000 PHI = 180.000

RUN NO. 1628/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.541	-6.907	.61446	1.06704	.94938	.88108	.50615	.96475	1.27700	1.28135	1.15426	.84346
1.542	-6.393	.62413	1.07939	.96122	.89171	.51668	.93884	1.27642	1.28023	1.14038	.82927
1.542	-5.885	.63853	1.09273	.97360	.90339	.52765	.92067	1.27319	1.27657	1.12803	.81629
1.542	-5.377	.65409	1.10880	.98886	.91791	.54060	.90567	1.27440	1.27740	1.11788	.80500
1.542	-4.872	.66555	1.12204	1.00131	.92972	.55156	.88922	1.27572	1.27841	1.10536	.79142
1.542	-4.359	.67977	1.13453	1.01329	.94087	.56154	.87498	1.27647	1.27897	1.09255	.77799
1.542	-3.854	.69368	1.14818	1.02610	.95319	.57331	.86339	1.27771	1.28013	1.08149	.76672
1.541	-3.342	.70815	1.16061	1.03763	.96433	.58361	.85231	1.27789	1.28030	1.06853	.75326
1.541	-2.828	.72430	1.17518	1.04992	.97625	.59537	.84423	1.27876	1.28117	1.05562	.74044
1.542	-2.316	.74219	1.18958	1.06185	.98840	.60747	.83891	1.27910	1.28158	1.04286	.72780
1.542	-1.804	.76438	1.20399	1.07403	1.00043	.61937	.83798	1.27679	1.27935	1.02925	.71497
1.542	-1.294	.79720	1.21513	1.08654	1.01251	.63116	.84911	1.27424	1.27690	1.01587	.70288
1.542	-.785	.83244	1.22610	1.09993	1.02570	.64452	.86353	1.27234	1.27505	1.00331	.69133
1.542	-.279	.85851	1.24151	1.11348	1.03923	.65798	.87082	1.27475	1.27746	.99201	.68076
1.542	.213	.87372	1.25985	1.12278	1.04928	.66958	.86829	1.27562	1.27837	.97804	.66849
1.542	.721	.88560	1.28085	1.13399	1.06135	.68323	.86184	1.27554	1.27845	.96588	.65834
1.542	1.214	.89309	1.29494	1.14405	1.07228	.69566	.85082	1.27443	1.27768	.95234	.64790
GRADIENT		.04142	.02795	.02378	.02368	.02382	-.00187	-.00052	-.00043	-.02515	-.02371

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(RCM056) (03 OCT 91)

PARAMETRIC DATA

BETA = 4.000 PHI = 180.000

RUN NO. 1582/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
.599	-6.858	.63389	.66807	.57364	.50120	.09625	.92721	.89580	.89102	.82663	.47861
.600	-5.832	.65811	.69382	.60110	.52883	.12412	.90817	.89496	.88964	.80318	.44990
.599	-4.815	.68444	.72103	.62962	.55764	.15269	.89237	.89821	.89273	.78269	.42362
.600	-3.790	.70885	.74716	.65745	.58663	.18388	.87313	.89637	.89092	.75884	.39675
.600	-2.771	.73136	.77098	.68255	.61244	.21079	.85286	.89554	.89013	.73208	.36662
.600	-1.750	.75660	.79686	.71032	.64113	.24130	.83650	.89709	.89214	.70905	.34084
.601	-.733	.77719	.81812	.73404	.66578	.27054	.81539	.89402	.88968	.68180	.31332
.600	-.280	.80053	.84140	.76027	.69254	.29838	.79564	.89445	.89081	.65444	.28397
.600	1.262	.82145	.86255	.78389	.71724	.32776	.77642	.89410	.89156	.62769	.25846
GRADIENT		.02254	.02324	.02534	.02619	.02865	-.01902	-.00062	-.00015	-.02548	-.02726

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(RCM056) (03 OCT 91)

PARAMETRIC DATA

RUN NO. 1473/ 0		RN/L = 2.49		GRADIENT INTERVAL = -5.00/ 5.00		BETA = 4.000		PHI = 180.000		
ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
-6.904	.72007	.75271	.65501	.58133	.15792	1.00175	1.00356	1.06799	.89781	.54419
-5.875	.74370	.77790	.68159	.60904	.18636	.98545	1.00388	1.06818	.87612	.51674
-4.859	.76750	.80354	.70878	.63663	.21539	.96861	1.00425	1.06861	.85490	.49025
-3.846	.79093	.82801	.73499	.66361	.24518	.95062	1.00380	1.06845	.83191	.46300
-2.835	.81380	.85213	.76149	.69014	.27506	.93275	1.00340	1.06858	.80851	.43533
-1.818	.83460	.87409	.78512	.71465	.30228	.91378	1.00270	1.06844	.78301	.40668
-.812	.85634	.89747	.81063	.74119	.33224	.89529	1.00179	1.06820	.75821	.37960
.202	.87652	.91820	.83371	.76581	.35989	.87500	1.00025	1.06765	.73093	.35184
1.188	.89631	.93877	.85642	.78962	.38884	.85572	.99906	1.06779	.70423	.32407
GRADIENT	.02124	.02235	.02440	.02528	.02855	-.01866	-.00086	-.00016	-.02492	-.02748

RUN NO. 1507/ 0		RN/L = 2.50		GRADIENT INTERVAL = -5.00/ 5.00		CPU		CPC4		CPC5		CPC6		CPO2	
ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2					
-6.891	.78414	.81528	.71889	.64637	.23052	1.05364	1.10098	1.15974	.94909	.60223					
-5.863	.80677	.84029	.74537	.67336	.25870	1.03855	1.10077	1.15995	.92900	.57672					
-4.846	.82868	.86401	.77031	.69947	.28595	1.02180	1.10020	1.15999	.90806	.55054					
-3.833	.85063	.88763	.79542	.72510	.31340	1.00461	1.09946	1.16000	.88558	.52287					
-2.821	.87228	.91027	.82016	.75064	.34206	.98634	1.09857	1.15998	.86227	.49602					
-1.801	.89309	.93215	.84420	.77485	.36991	.96898	1.09782	1.16036	.83865	.47004					
-.793	.91358	.95366	.86791	.79952	.39781	.95078	1.09641	1.16009	.81418	.44357					
.217	.93242	.97394	.89029	.82294	.42388	.93124	1.09447	1.15958	.78789	.41603					
1.202	.95182	.99394	.91257	.84671	.45262	.91303	1.09311	1.15980	.76268	.39006					
GRADIENT	.02032	.02143	.02350	.02428	.02747	-.01799	-.00118	-.00005	-.02404	-.02644					

RUN NO. 1513/ 0		RN/L =		2.50		GRADIENT INTERVAL =		-5.00/ 5.00			
ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2	
-6.963	.93980	.96869	.87871	.81078	.43225	1.18578	1.17937	1.27162	1.08607	.76964	
-5.943	.96017	.99131	.90261	.83531	.45773	1.17226	1.18035	1.27235	1.06816	.74685	
-4.938	.97907	1.01194	.92469	.85782	.48141	1.15690	1.18028	1.27231	1.04862	.72266	
-3.933	.99838	1.03270	.94671	.88086	.50536	1.14122	1.18020	1.27231	1.02838	.69806	
-2.944	1.01752	1.05279	.96858	.90339	.53006	1.12526	1.17955	1.27193	1.00807	.67461	
-1.930	1.03535	1.07185	.98938	.92501	.55400	1.10848	1.17882	1.27162	.98629	.65061	
-.922	1.05356	1.09114	1.01112	.94713	.57934	1.09073	1.17797	1.27142	.96338	.62577	
.079	1.07153	1.11039	1.03225	.96923	.60467	1.07424	1.17752	1.27171	.94088	.60180	
1.069	1.08823	1.12782	1.05177	.99024	.62855	1.05691	1.17582	1.27094	.91767	.57782	
GRADIENT	.01816	.01929	.02119	.02201	.02456	-.01669	-.00072	-.00021	-.02182	-.02408	

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(RCM056) (03 OCT 91)

PARAMETRIC DATA

BETA = 4.000 PHI = 180.000

RUN NO. 1529/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.250	-6.921	1.00760	1.04114	.94822	.87881	.50047	1.26017	1.22825	1.29503	1.15457	.83224
1.250	-5.887	1.02792	1.06383	.97210	.90307	.52517	1.24525	1.22998	1.29634	1.13488	.80860
1.250	-4.877	1.04768	1.08522	.99469	.92649	.55005	1.22909	1.23053	1.29651	1.11372	.78413
1.250	-3.862	1.06747	1.10644	1.01743	.94986	.57444	1.21199	1.23058	1.29651	1.09336	.76026
1.250	-2.853	1.08600	1.12587	1.03888	.97188	.59803	1.19388	1.22938	1.29519	1.07196	.73610
1.250	-1.843	1.10503	1.14589	1.06107	.99449	.62293	1.17703	1.22891	1.29486	1.05033	.71306
1.250	-.837	1.12452	1.16669	1.08364	1.01807	.64875	1.16104	1.23028	1.29659	1.02804	.68992
1.250	.174	1.14191	1.18480	1.10368	1.03910	.67238	1.14211	1.22934	1.29610	1.00322	.66493
1.250	1.160	1.15941	1.20320	1.12421	1.06070	.69650	1.12480	1.22703	1.29434	.98022	.64216
	GRADIENT	.01853	.01956	.02149	.02225	.02433	-.01722	-.00043	-.00021	-.02215	-.02350

RUN NO. 1546/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.400	-6.928	1.01525	1.06612	.96506	.89366	.51376	1.29504	1.31165	1.37665	1.17950	.85193
1.400	-5.895	1.03597	1.09006	.99028	.91870	.53756	1.27641	1.31234	1.37733	1.15815	.82696
1.400	-4.882	1.05580	1.11218	1.01382	.94230	.56098	1.25691	1.31217	1.37730	1.13646	.80234
1.400	-3.875	1.07608	1.13423	1.03694	.96625	.58536	1.23717	1.31117	1.37650	1.11367	.77724
1.400	-2.864	1.09742	1.15681	1.06153	.99172	.61075	1.21872	1.31076	1.37661	1.09104	.75291
1.400	-1.855	1.11801	1.17823	1.08486	1.01561	.63514	1.19915	1.31065	1.37716	1.06990	.72838
1.400	-.853	1.13815	1.19889	1.10731	1.03801	.65965	1.17872	1.30907	1.37644	1.04138	.70307
1.400	.157	1.15952	1.22103	1.13116	1.06242	.68605	1.16009	1.30762	1.37589	1.01735	.67988
1.400	1.146	1.17913	1.24089	1.15260	1.08501	.71136	1.14145	1.30759	1.37704	.99240	.65701
	GRADIENT	.02051	.02137	.02310	.02368	.02491	-.01920	-.00080	-.00008	-.02395	-.02417

RUN NO. 1563/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.449	-6.869	1.00075	1.06756	.96524	.89465	.51816	1.29300	1.27487	1.32867	1.17932	.85575
1.450	-5.830	1.02167	1.09195	.99100	.92048	.54229	1.27296	1.27612	1.32948	1.15803	.83182
1.450	-4.814	1.04145	1.11425	1.01465	.94440	.56527	1.25112	1.27603	1.32899	1.13573	.80631
1.450	-3.794	1.06140	1.13599	1.03842	.96853	.58951	1.22840	1.27613	1.32893	1.11332	.78091
1.450	-2.776	1.08376	1.15931	1.06317	.99339	.61513	1.20856	1.27694	1.32982	1.08987	.75634
1.450	-1.752	1.10460	1.18143	1.08653	1.01691	.63966	1.18778	1.27533	1.32829	1.06514	.73105
1.450	-.738	1.12659	1.20387	1.11032	1.04149	.66561	1.16744	1.27596	1.32938	1.04022	.70625
1.450	.272	1.14710	1.22469	1.13282	1.06433	.69017	1.14578	1.27512	1.32905	1.01289	.68049
1.450	1.252	1.16941	1.24557	1.15564	1.08725	.71563	1.12713	1.27415	1.32871	.98757	.65736
	GRADIENT	.02108	.02171	.02323	.02356	.02477	-.02039	-.00030	-.00004	-.02449	-.02460

(RCM056) (03 OCT 91)

IA310 (AEDC 16TF-783) PROBE CALIBRATION

PARAMETRIC DATA

BETA = 4.000 PHI = 180.000

RUN NO. 1648/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.470	-6.879	.96693	1.05027	.94698	.87691	.50483	1.26669	1.27736	1.32803	1.16327	.83852
1.471	-5.845	.98622	1.07331	.97161	.90144	.52884	1.24259	1.27886	1.32926	1.14171	.81351
1.471	-4.825	1.00525	1.09581	.99556	.93547	.55245	1.21982	1.27963	1.32987	1.11688	.78843
1.484	-3.808	1.02545	1.11793	1.01923	.94997	.57590	1.19807	1.27852	1.32877	1.09217	.76190
1.470	-2.795	1.04784	1.14125	1.04452	.97569	.60159	1.17659	1.27842	1.32881	1.06981	.73813
1.470	-1.774	1.06776	1.16202	1.06698	.98831	.62491	1.15337	1.27785	1.32855	1.04360	.71210
1.470	-.761	1.08979	1.18409	1.09101	1.02302	.65000	1.13187	1.27729	1.32853	1.01841	.68749
1.470	.249	1.11272	1.20544	1.11402	1.04715	.67492	1.11204	1.27727	1.32915	.99313	.66350
1.470	1.237	1.13337	1.22573	1.13611	1.07005	.69825	1.09247	1.27513	1.32783	.96813	.64049
GRADIENT		.02120	.02144	.02321	.02384	.02424	-.02114	-.00060	-.00020	-.02455	-.02440

RUN NO. 1598/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.493	-6.884	.91813	1.04185	.93778	.86919	.50302	1.23041	1.25471	1.32475	1.15391	.83279
1.493	-5.854	.93200	1.06589	.96268	.89400	.52512	1.20264	1.25407	1.32363	1.13147	.80732
1.493	-4.840	.94562	1.08851	.98705	.91842	.54680	1.17260	1.25439	1.32355	1.10810	.78286
1.493	-3.819	.95589	1.11149	1.01137	.94295	.56964	1.14018	1.25434	1.32337	1.08444	.75790
1.493	-2.807	.96940	1.13371	1.03486	.96720	.59426	1.10811	1.25428	1.32334	1.06029	.73344
1.493	-1.787	.98880	1.15571	1.05808	.99080	.61856	1.08132	1.25467	1.32393	1.03563	.70983
1.493	-.776	1.00822	1.17877	1.08258	1.01531	.64356	1.05390	1.25505	1.32464	1.01062	.68619
1.493	.235	1.03017	1.20020	1.10549	1.03834	.66846	1.02939	1.25448	1.32457	.98436	.66196
1.493	1.224	1.05612	1.22109	1.12846	1.06147	.69389	1.01134	1.25462	1.32538	.95956	.63907
GRADIENT		.01831	.02189	.02331	.02358	.02429	-.02682	.00006	.00032	-.02455	-.02367

RUN NO. 1614/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.516	-6.883	.80619	1.04445	.94104	.87394	.50427	1.15758	1.26640	1.31842	1.15698	.83840
1.516	-5.854	.79630	1.06673	.96375	.89684	.52715	1.10397	1.26473	1.31610	1.13277	.81146
1.517	-4.835	.79705	1.09175	.98910	.92212	.55061	1.05579	1.26281	1.31393	1.11085	.78729
1.516	-3.821	.80921	1.11554	1.01362	.94663	.57289	1.01592	1.26368	1.31485	1.08660	.76123
1.517	-2.808	.82407	1.13835	1.03828	.97138	.59756	.97865	1.26420	1.31549	1.06221	.73574
1.516	-1.787	.82803	1.15856	1.06030	.99376	.62119	.93429	1.26255	1.31399	1.03613	.71076
1.517	-.777	.84484	1.18099	1.08387	1.01768	.64656	.89917	1.26135	1.31305	1.01003	.68679
1.516	.234	.86652	1.20198	1.10658	1.04053	.67135	.86766	1.25849	1.31061	.98199	.66255
1.517	1.222	.89855	1.22345	1.13054	1.06467	.69692	.84895	1.25714	1.30979	.95662	.64146
GRADIENT		.01552	.02157	.02316	.02337	.02419	-.03521	-.00107	-.00082	-.02557	-.02416

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(RCM056) (03 OCT 91)

PARAMETRIC DATA

RUN NO. 1629/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00 BETA = 4.000 PHI = 180.000

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.542	-6.883	.61726	1.05424	.93985	.87380	.50294	.97262	1.27356	1.27740	1.15596	.83783
1.541	-5.851	.63291	1.08288	.96525	.89761	.52594	.92103	1.27366	1.27715	1.13063	.81203
1.541	-4.835	.65873	1.11136	.99075	.92179	.54755	.88695	1.27371	1.27707	1.10617	.78711
1.541	-3.823	.68208	1.13887	1.01587	.94608	.56991	.85736	1.27347	1.27682	1.08170	.76214
1.541	-2.806	.70673	1.16454	1.03920	.96889	.59205	.83188	1.27237	1.27582	1.05599	.73649
1.542	-1.788	.73320	1.18951	1.06327	.99343	.61649	.81135	1.27213	1.27586	1.03114	.71326
1.541	-.777	.75968	1.21243	1.08624	1.01736	.64115	.79228	1.27125	1.27537	1.00399	.68880
1.541	.238	.78494	1.23182	1.10985	1.04198	.66739	.77346	1.27069	1.27527	.97679	.66586
1.541	1.221	.80568	1.24556	1.13179	1.06484	.69189	.75211	1.26942	1.27452	.94960	.64462
	GRADIENT	.02470	.02248	.02324	.02364	.02391	-.02161	-.00069	-.00039	-.02583	-.02358

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(RCM057) (03 OCT 91)

PARAMETRIC DATA

RUN NO. 1672/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00 BETA = 4.000 PHI = 180.000

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
.599	-7.870	.60848	.64378	.54479	.47232	.06763	.94502	.91131	.94810	.84941	.50719
.599	-6.844	.63476	.66961	.57356	.50090	.09588	.92845	.91163	.94803	.82700	.47869
.600	-5.828	.66122	.69674	.60267	.53039	.12619	.91210	.91234	.94828	.80652	.45282
.600	-4.806	.68579	.72269	.63014	.55862	.15463	.89357	.91222	.94813	.78384	.42562
.600	-3.789	.71097	.74937	.65793	.58730	.18444	.87483	.91168	.94767	.75985	.39774
.601	-2.768	.73277	.77247	.68303	.61321	.21295	.85395	.90898	.94525	.73371	.36901
.601	-1.750	.75753	.79816	.71058	.64124	.24323	.83735	.91033	.94707	.71008	.34280
.601	-.736	.78178	.82249	.73723	.66887	.27381	.81896	.91049	.94801	.68524	.31576
.601	.277	.80240	.84359	.76105	.69336	.29944	.79815	.90825	.94661	.65673	.28654
.600	1.258	.82234	.86391	.78380	.71726	.32780	.77776	.90668	.94624	.62936	.25976
.600	2.239	.84333	.88476	.80723	.74231	.35608	.75752	.90530	.94625	.60101	.23239
	GRADIENT	.02235	.02297	.02515	.02602	.02853	-.01916	-.00089	-.00018	-.02582	-.02735

(RCM057) (03 OCT 91)

IA310 (AEDC 16TF-783) PROBE CALIBRATION

PARAMETRIC DATA

BETA = 4.000 PHI = 180.000

RUN NO. 1748/ 0 RN/L = 2.51 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
.800	-7.906	.69506	.72682	.62721	.55256	.12743	1.01952	1.03511	1.09035	.91883	.57149
.800	-6.883	.72077	.75337	.65626	.58197	.15755	1.00293	1.03425	1.08981	.89708	.54358
.799	-5.871	.74389	.77836	.68260	.60938	.18542	.98666	1.03412	1.09010	.87593	.51652
.800	-4.856	.76792	.80376	.70979	.63720	.21561	.96946	1.03346	1.08983	.85435	.49060
.800	-3.843	.79099	.82815	.73602	.66383	.24461	.95151	1.03187	1.08907	.83138	.46289
.800	-2.830	.81359	.85223	.76218	.69030	.27426	.93321	1.03164	1.08952	.80726	.43426
.800	-1.817	.83539	.87508	.78702	.71596	.30295	.91502	1.03040	1.08945	.78284	.40710
.800	-.808	.85654	.89766	.81174	.74198	.33225	.89597	1.02974	1.08996	.75759	.37924
.800	.201	.87704	.91919	.83559	.76709	.36026	.87624	1.02831	1.08954	.73050	.35173
.800	1.186	.89708	.93980	.85859	.79120	.38956	.85727	1.02725	1.09001	.70435	.32460
.800	2.172	.91672	.95892	.88068	.81455	.41775	.83715	1.02553	1.08974	.67627	.29678
GRADIENT		.02112	.02212	.02433	.02528	.02874	-.01880	-.00106	.00005	-.02531	-.02752

RUN NO. 1661/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
.900	-7.899	.76128	.79165	.69177	.61981	.20186	1.07054	1.10858	1.20313	.97046	.62881
.900	-6.870	.78448	.81612	.71886	.64644	.22993	1.05414	1.10661	1.20164	.94880	.60194
.900	-5.859	.80714	.84093	.74512	.67329	.25784	1.03934	1.10711	1.20271	.92944	.57686
.900	-4.845	.82810	.86372	.76929	.69853	.28479	1.02160	1.10664	1.20312	.90703	.54914
.900	-3.830	.85080	.88836	.79532	.72520	.31309	1.00476	1.10501	1.20224	.88553	.52278
.900	-2.815	.87340	.91170	.82066	.75132	.34193	.98747	1.10543	1.20371	.86291	.49638
.900	-1.801	.89328	.93274	.84412	.77499	.36984	.96887	1.10380	1.20323	.83856	.47000
.900	-.791	.91470	.95491	.86842	.80009	.39765	.95134	1.10282	1.20361	.81448	.44369
.900	.217	.93366	.97539	.89100	.82380	.42425	.93180	1.10152	1.20393	.78813	.41602
.900	1.202	.95297	.99524	.91293	.84731	.45276	.91405	1.09958	1.20317	.76361	.39039
.899	2.188	.97155	1.01422	.93436	.86990	.47932	.89467	1.09949	1.20473	.73619	.36285
GRADIENT		.02033	.02132	.02342	.02430	.02763	-.01806	-.00106	.00020	-.02430	-.02643

RUN NO. 1740/ 0 RN/L = 2.51 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.098	-7.920	.91978	.94781	.85468	.78707	.40756	1.20044	1.11913	1.14898	1.10454	.79325
1.100	-6.942	.94208	.97099	.88008	.81200	.43356	1.18816	1.12003	1.14909	1.08727	.77110
1.101	-5.939	.96179	.99286	.90328	.83577	.45833	1.17431	1.12183	1.15029	1.06936	.74822
1.101	-4.931	.98151	1.01429	.92615	.85914	.48274	1.15937	1.12326	1.15021	1.05021	.72411
1.101	-3.931	1.00026	1.03476	.94779	.88185	.50645	1.14326	1.12375	1.15129	1.02982	.69959
1.100	-2.939	1.01905	1.05435	.96909	.90380	.53051	1.12678	1.12353	1.15066	1.00886	.67551
1.100	-1.922	1.03721	1.07378	.99034	.92580	.55486	1.11029	1.12361	1.15066	.98718	.65167
1.100	-.925	1.05534	1.09291	1.01188	.94780	.58013	1.09268	1.12302	1.14998	.96440	.62708
1.100	.080	1.07282	1.11182	1.03261	.96949	.60475	1.07569	1.12308	1.15018	.94168	.60258
1.100	1.066	1.08993	1.12953	1.05242	.99078	.62933	1.05880	1.12259	1.14983	.91875	.57907
1.100	2.063	1.10688	1.14695	1.07227	1.01193	.65428	1.04105	1.12199	1.14967	.89420	.55496
GRADIENT		.01792	.01898	.02093	.02183	.02456	-.001692	-.00020	-.00024	-.02228	-.02417

IA310 (AEDC 16TF-783) PROBE CALIBRATION (RCM057) (03 OCT 91)

PARAMETRIC DATA

BETA = 4.000 PHI = 180.000

RUN NO. 1724/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPC4	CPC5	CPC6	CP02
1.249	-7.925	.98651	1.01898	.92356	.85416	.47469	1.30594	1.17421	.85578
1.250	-6.894	1.00741	1.04155	.94789	.87836	.49956	1.30586	1.15380	.83109
1.250	-5.883	1.02689	1.06290	.97086	.90163	.52359	1.24501	1.13372	.80749
1.250	-4.873	1.04706	1.08498	.99410	.92576	.54848	1.30515	1.11323	.78350
1.250	-3.862	1.06760	1.10677	1.01724	.94943	.57326	1.21229	1.09297	.75982
1.250	-2.850	1.08667	1.12698	1.03958	.97188	.59778	1.30350	1.07200	.73610
1.250	-1.841	1.10496	1.14654	1.06096	.99424	.62206	1.30191	1.04966	.71227
1.250	-.836	1.12384	1.16634	1.08277	1.01689	.64724	1.30084	1.02680	.68868
1.250	.173	1.14206	1.18566	1.10402	1.03941	.67215	1.29919	1.00298	.66466
1.250	1.158	1.15955	1.20291	1.12373	1.06012	.69550	1.12481	.97906	.64127
1.250	2.153	1.17706	1.22067	1.14398	1.08124	.71959	1.10722	.95489	.61797
GRADIENT		.01843	.01928	.02130	.02213	.02439	-.00132	-.02261	-.02358

RUN NO. 1716/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPC4	CPC5	CPC6	CP02
1.400	-6.923	1.01831	1.06909	.96776	.89632	.51685	1.23803	1.18186	.85493
1.400	-5.895	1.03765	1.09125	.99135	.91978	.53936	1.23822	1.15961	.82919
1.400	-4.878	1.05776	1.11404	1.01564	.94440	.56373	1.23873	1.13813	.80490
1.400	-3.872	1.07863	1.13633	1.03901	.96898	.58847	1.23876	1.11635	.78060
1.400	-2.865	1.09933	1.15795	1.06230	.99276	.61265	1.23954	1.09313	.75569
1.400	-1.852	1.11973	1.17975	1.08594	1.01656	.63735	1.23966	1.06914	.73128
1.399	-.851	1.13978	1.20043	1.10849	1.03967	.66232	1.23956	1.04388	.70631
1.400	.157	1.16025	1.22182	1.13126	1.06318	.68798	1.23855	1.01897	.68247
1.400	1.145	1.18030	1.24170	1.15303	1.08583	.71300	1.23917	.99470	.65939
1.400	2.133	1.20003	1.26131	1.17469	1.10830	.73804	1.23837	.96862	.63618
GRADIENT		.02027	.02102	.02271	.02334	.02486	-.00004	-.02425	-.02412

RUN NO. 1706/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPC4	CPC5	CPC6	CP02
1.450	-7.874	.97437	1.03987	.93583	.86551	.49088	1.21099	1.19887	.87753
1.450	-6.841	.99523	1.06508	.96201	.89123	.51297	1.21073	1.17720	.85234
1.451	-5.831	1.01689	1.08869	.98741	.91709	.53679	1.21221	1.15597	.82801
1.450	-4.811	1.03557	1.11106	1.01122	.94090	.55987	1.21068	1.13386	.80231
1.450	-3.790	1.05779	1.13433	1.03582	.96585	.58441	1.21134	1.11193	.77733
1.450	-2.773	1.07811	1.15604	1.05897	.98905	.60879	1.21056	1.08684	.75086
1.450	-1.750	1.10038	1.17990	1.08374	1.01425	.63493	1.21106	1.06353	.72732
1.450	-.740	1.12180	1.20142	1.10655	1.03740	.65903	1.21057	1.03692	.70130
1.450	.272	1.14337	1.22284	1.12962	1.06048	.68399	1.21031	1.00978	.67561
1.450	1.254	1.16590	1.24460	1.15309	1.08415	.71005	1.21053	.98521	.65299
1.450	2.240	1.18711	1.26521	1.17562	1.10753	.73577	1.21076	.95891	.62957
GRADIENT		.02146	.02187	.02328	.02355	.02489	-.00013	-.02497	-.02458

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(RCMO57) (03 OCT 91)

PARAMETRIC DATA

BETA = 4.000 PHI = 180.000

RUN NO. 1699/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.469	-7.887	.95667	1.03891	.93285	.86228	.48772	1.30245	1.24083	1.24974	1.19803	.87383
1.469	-6.855	.97577	1.06246	.95817	.88712	.51134	1.27887	1.24122	1.24936	1.17307	.84715
1.470	-5.841	.99590	1.08689	.98356	.91234	.53506	1.25785	1.24250	1.24993	1.15055	.82255
1.469	-4.822	1.01513	1.10945	1.00791	.93733	.55862	1.23328	1.24312	1.24994	1.12740	.79742
1.469	-3.808	1.03456	1.13135	1.03148	.96204	.58270	1.20884	1.24305	1.24952	1.10416	.77183
1.469	-2.789	1.05524	1.15339	1.05495	.98551	.60669	1.18611	1.24326	1.24948	1.08066	.74672
1.469	-1.769	1.07641	1.17503	1.07797	1.00865	.63106	1.16404	1.24303	1.24915	1.05626	.72227
1.469	-.761	1.09926	1.19801	1.10176	1.03325	.65582	1.14336	1.24321	1.24936	1.03128	.69811
1.469	.249	1.12059	1.21871	1.12406	1.05580	.68053	1.12157	1.24307	1.24935	1.00553	.67359
1.469	1.232	1.14233	1.23918	1.14622	1.07848	.70629	1.10209	1.24218	1.24877	.98058	.65082
1.469	2.221	1.16324	1.25865	1.16773	1.09971	.73105	1.08155	1.24126	1.24832	.95348	.62680
GRADIENT		.02121	.02130	.02273	.02310	.02448	-.02140	-.00021	-.00018	-.02464	-.02414

RUN NO. 1692/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.497	-7.845	.93649	1.03446	.92890	.85911	.49001	1.28742	1.23643	1.28810	1.19188	.87054
1.497	-6.858	.95077	1.05735	.95342	.88347	.51331	1.26140	1.23798	1.28891	1.17014	.84570
1.497	-5.849	.96485	1.08000	.97717	.90733	.53454	1.23523	1.23828	1.28859	1.14683	.82012
1.497	-4.833	.98090	1.10405	1.00264	.93266	.55721	1.20843	1.23944	1.28919	1.12391	.79560
1.497	-3.821	.99561	1.12544	1.02578	.95659	.57969	1.17815	1.23925	1.28865	1.09913	.76930
1.497	-2.796	1.01393	1.14748	1.04912	.98008	.60371	1.15068	1.23924	1.28830	1.07436	.74393
1.497	-1.783	1.03392	1.16985	1.07282	1.00452	.62856	1.12644	1.23970	1.28860	1.05011	.72053
1.496	-.774	1.05296	1.19135	1.09572	1.02787	.65269	1.09963	1.23895	1.28787	.99827	.69541
1.497	.235	1.07667	1.21390	1.11982	1.05186	.67873	1.07742	1.23904	1.28812	.98278	.67143
1.496	1.217	1.10065	1.23391	1.14192	1.07437	.70349	1.05803	1.23850	1.28796	.97294	.64805
1.497	2.207	1.12593	1.25404	1.16363	1.09709	.72893	1.03957	1.23812	1.28800	.94696	.62516
GRADIENT		.02065	.02144	.02297	.02340	.02448	-.02400	-.00017	-.00015	-.02511	-.02415

RUN NO. 1687/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.521	-7.847	.85264	1.02677	.92178	.85325	.48301	1.22423	1.25414	1.32375	1.17900	.86306
1.520	-6.866	.84539	1.05045	.94632	.87746	.50566	1.18024	1.25521	1.32424	1.15871	.83914
1.521	-5.849	.83819	1.07273	.97009	.90135	.52803	1.13354	1.25558	1.32410	1.13580	.81396
1.520	-4.830	.83476	1.09615	.99358	.92583	.55044	1.08572	1.25616	1.32439	1.11174	.78871
1.521	-3.814	.83840	1.11978	1.01803	.95027	.57416	1.04182	1.25597	1.32396	1.08778	.76339
1.521	-2.803	.84492	1.14191	1.04133	.97359	.59778	1.00049	1.25586	1.32382	1.06386	.73910
1.521	-1.785	.85200	1.16365	1.06445	.99685	.62221	.95962	1.25588	1.32403	1.03911	.71554
1.520	-.777	.86236	1.18350	1.08594	1.01911	.64633	.91885	1.25471	1.32308	1.01213	.69066
1.520	.237	.88445	1.20526	1.10972	1.04326	.67217	.88878	1.25465	1.32338	.98735	.66801
1.520	1.220	.91799	1.22562	1.13233	1.06614	.69676	.87157	1.25430	1.32353	.96290	.64637
1.520	2.207	.95596	1.24523	1.15421	1.08823	.72159	.85978	1.25337	1.32319	.93718	.62496
GRADIENT		.01623	.02108	.02274	.02303	.02434	-.03325	-.00039	-.00015	-.02487	-.02329

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(RCM057) (03 OCT 91)

PARAMETRIC DATA

BETA = 4.000 PHI = 180.000

RUN NO. 1680/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.541	-7.888	.65161	1.02002	.91165	.84536	.47674	1.07673	1.31159	1.36144	1.17641	.86245
1.543	-6.862	.61699	1.04844	.93480	.86870	.50210	.98212	1.31181	1.36165	1.15133	.83545
1.542	-5.847	.62362	1.07693	.96014	.89229	.52370	.92253	1.31021	1.36017	1.12677	.80987
1.545	-4.831	.64591	1.10849	.98845	.91882	.54681	.88204	1.31337	1.36418	1.10594	.78734
1.544	-3.819	.66744	1.13439	1.01252	.94241	.56853	.85099	1.31260	1.36381	1.08054	.76078
1.543	-2.800	.69490	1.15955	1.03721	.96709	.59213	.82517	1.30838	1.36254	1.05597	.73636
1.543	-1.781	.71812	1.18377	1.06075	.99094	.61555	.80330	1.30625	1.36189	1.03062	.71261
1.543	-.775	.74392	1.20513	1.08370	1.01446	.63960	.78275	1.30467	1.36113	1.00316	.68766
1.543	.234	.77038	1.22388	1.10713	1.03934	.66650	.76296	1.30365	1.36113	.97654	.66497
1.543	1.217	.79104	1.23905	1.12901	1.06221	.69117	.74181	1.30238	1.36093	.94905	.64350
1.543	2.207	.81252	1.25260	1.15187	1.08586	.71709	.71904	1.30131	1.36107	.92200	.62457
	GRADIENT	.02409	.02067	.02317	.02376	.02427	-.02241	-.00179	-.00049	-.02614	-.02324

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(RCM058) (03 OCT 91)

PARAMETRIC DATA

ALPHA = -8.000 PHI = 180.000

RUN NO. 1673/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	PC4	CPC5	CPC6	CPO2
.600	-3.745	.60662	.64303	.54174	.47394	.06088	.96425	.89792	.94374	.84589	.51829
.600	-2.728	.62202	.65465	.55337	.48139	.06928	.97469	.89981	.94408	.84725	.52247
.600	-1.724	.63166	.66739	.55889	.48697	.07188	.98057	.90128	.94396	.84797	.52460
.600	-.718	.63869	.67749	.56664	.49284	.07591	.98281	.90181	.94299	.84840	.52491
.600	-.289	.64177	.67729	.56682	.49272	.07546	.98541	.90575	.94442	.85112	.52713
.600	.737	.64029	.67825	.56586	.49149	.07365	.98365	.90581	.94333	.85186	.52769
.600	1.747	.63264	.66297	.55810	.48513	.07004	.97817	.90716	.94361	.85238	.52502
.600	2.757	.62140	.65242	.55130	.47777	.06619	.96872	.90754	.94314	.85303	.52234
.600	3.771	.60598	.64090	.53980	.46686	.05304	.95481	.90718	.94215	.85376	.51633
	GRADIENT	-.00012	-.00052	-.00036	-.00087	-.00044	-.00116	.00136	-.00018	.00110	-.00012

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(RCM058) (03 OCT 91)

PARAMETRIC DATA

ALPHA = -8.000 PHI = 180.000

RUN NO. 1749/ 0		RN/L = 2.51		GRADIENT INTERVAL = -5.00/ 5.00		CPU		CPC4		CPC5		CPC6		CPO2	
BETA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2					
-3.820	.69427	.72837	.62560	.55297	.12169	1.03570	1.02011	1.08718	.91571	.58034					
-2.803	.70814	.73969	.63636	.56153	.13052	1.04461	1.02100	1.08721	.91680	.58508					
-1.801	.72304	.75554	.64937	.57620	.14525	1.05408	1.02299	1.08825	.92232	.59495					
-.790	.72455	.75987	.64955	.57385	.13744	1.05353	1.02267	1.08730	.91869	.58813					
-.211	.72542	.75826	.64819	.57239	.13586	1.05403	1.01953	1.08373	.91880	.58826					
-.832	.72412	.75801	.64745	.57147	.13484	1.05236	1.01953	1.08314	.91969	.58896					
1.835	.71675	.74540	.64115	.56610	.13119	1.04686	1.01846	1.08145	.92003	.58691					
2.841	.70780	.73860	.63531	.55908	.12808	1.03978	1.01834	1.08101	.92212	.58447					
3.845	.69544	.72737	.62604	.55104	.12344	1.02793	1.01954	1.08185	.92326	.57992					
GRADIENT	-.00020	-.00055	-.00037	-.00068	-.00054	-.00111	-.00038	-.00100	.00077	-.00033					

RUN NO. 1662/ 0		RN/L = 2.50		GRADIENT INTERVAL = -5.00/ 5.00		CPU		CPC4		CPC5		CPC6		CPO2	
BETA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2					
-3.810	.76075	.79341	.68935	.62194	.19565	1.08722	1.09424	1.20345	.96843	.63858					
-2.784	.77287	.80366	.69899	.62718	.20333	1.09436	1.09393	1.20263	.96847	.64126					
-1.783	.78247	.81309	.70629	.63486	.20762	1.10028	1.09431	1.20242	.96997	.64411					
- .778	.78945	.82259	.71258	.63941	.21096	1.10373	1.09651	1.20429	.97129	.64525					
- .229	.78847	.82094	.71117	.63788	.20981	1.10334	1.09524	1.20354	.97112	.64520					
.808	.78786	.82014	.70987	.63640	.20786	1.10209	1.09419	1.20228	.97192	.64546					
1.812	.78205	.80949	.70499	.63272	.20533	1.09763	1.09534	1.20340	.97269	.64401					
2.821	.77328	.80306	.69874	.62559	.20272	1.08987	1.09569	1.20364	.97422	.64160					
3.820	.76128	.79179	.68939	.61714	.19685	1.07892	1.09554	1.20365	.97510	.63661					
GRADIENT	- .00002	- .00036	- .00013	- .00058	- .00009	- .00099	.00019	.00007	.00089	- .00014					

RUN NO. 1741/ 0		RN/L = 2.51		GRADIENT INTERVAL = -5.00/ 5.00		CPU		CPC4		CPC5		CPC6		CPO2	
BETA	CPB	CPC1	CPC2	CPC3	CPO1	CPC4	CPC5	CPC6	CPO2						
-3.936	.91892	.94858	.85264	.78679	.40614	1.21195	1.12021	1.14661	1.10153						
-2.917	.93176	.96029	.86291	.79546	.41156	1.22088	1.12290	1.14765	1.10375						
-1.913	.93939	.96712	.86896	.80209	.41551	1.22625	1.12562	1.14841	1.10472						
-.911	.94526	.97577	.87368	.80524	.41777	1.22959	1.12732	1.14889	1.10599						
-.087	.94347	.97279	.87117	.80275	.41518	1.22805	1.12920	1.14686	1.10492						
.963	.94279	.97148	.87036	.80194	.41438	1.22694	1.13010	1.14657	1.10583						
1.957	.93763	.96390	.86707	.79904	.41289	1.22235	1.13087	1.14626	1.10626						
2.958	.92907	.95716	.86038	.79233	.40897	1.21437	1.13158	1.14602	1.10638						
3.965	.91930	.94724	.85329	.78568	.40571	1.20444	1.13258	1.14634	1.10760						
GRADIENT	-.00022	-.00044	-.00021	-.00040	-.00031	-.00103	.00151	-.00021	.00060	-.00023					

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(RCM058) (03 OCT 91)

PARAMETRIC DATA

ALPHA = -8.000 PHI = 180.000

MACH	BETA	CPB	CPC1	CPC2	CPC3	CPC1	CPU	CPC4	CPC5	CPC6	CP02
1.249	-3.888	.98691	1.02079	.92258	.85638	.47301	1.28762	1.29029	1.34018	1.17057	.86188
1.250	-2.831	.99735	1.03119	.93139	.86128	.47744	1.29642	1.29180	1.34127	1.17275	.86634
1.250	-1.820	1.00494	1.03782	.93702	.86780	.48061	1.30093	1.29167	1.34059	1.17321	.86832
1.250	-.821	1.00965	1.04428	.94038	.86984	.48228	1.30329	1.29195	1.34038	1.17293	.86858
1.250	-.178	1.01062	1.04402	.94069	.87025	.48241	1.30279	1.29088	1.33936	1.17246	.86866
1.250	.872	1.00892	1.04216	.93933	.86875	.48121	1.30119	1.29107	1.33919	1.17328	.86863
1.249	1.869	1.00339	1.03529	.93562	.86526	.47875	1.29647	1.29072	1.33859	1.17323	.86673
1.250	2.876	.99635	1.02952	.93024	.85934	.47591	1.29049	1.29124	1.33893	1.17466	.86489
1.250	3.887	.98640	1.01901	.92263	.85311	.47195	1.28064	1.29060	1.33820	1.17580	.86102
GRADIENT		-.00018	-.00036	-.00014	-.00045	-.00024	-.00100	-.00005	-.00035	.00048	-.00019

MACH	BETA	CPB	CPC1	CPC2	CPC3	CPC1	CPU	CPC4	CPC5	CPC6	CP02
1.400	-3.903	.99823	1.04741	.94107	.87452	.49164	1.32822	1.23746	1.14722	1.20167	.88686
1.400	-2.844	1.00817	1.05724	.94917	.87915	.49513	1.33632	1.24002	1.14834	1.20275	.89080
1.399	-1.841	1.01412	1.06259	.95429	.88379	.49694	1.33991	1.23995	1.14701	1.20194	.89189
1.400	-.835	1.01905	1.06777	.95705	.88624	.49891	1.34232	1.24152	1.14722	1.20236	.89254
1.400	-.159	1.02140	1.06939	.95814	.88637	.49699	1.34409	1.24357	1.14611	1.20384	.89229
1.400	.885	1.02023	1.06825	.95791	.88627	.49691	1.34347	1.24567	1.14682	1.20534	.89326
1.400	1.888	1.01482	1.06269	.95457	.88270	.49468	1.33839	1.24614	1.14599	1.20494	.89110
1.400	2.883	1.00816	1.05752	.94994	.87753	.49269	1.33307	1.24773	1.14638	1.20724	.88956
1.400	3.894	.99761	1.04549	.94101	.86974	.48813	1.32252	1.24844	1.14605	1.20719	.88442
GRADIENT		-.00002	-.00013	.00005	-.00047	-.00048	-.00062	.00145	-.00022	.00077	-.00025

MACH	BETA	CPB	CPC1	CPC2	CPC3	CPC1	CPU	CPC4	CPC5	CPC6	CP02
1.450	-3.759	.97588	1.04212	.93332	.86701	.48707	1.32835	1.24406	1.20921	1.20241	.88851
1.450	-2.736	.98476	1.05175	.94116	.87203	.49007	1.33350	1.24448	1.20799	1.20053	.89078
1.450	-1.725	.99328	1.05895	.94894	.87867	.49363	1.33897	1.24724	1.20897	1.20158	.89366
1.449	-.724	.99617	1.06163	.94984	.87966	.49429	1.33819	1.24831	1.20847	1.19953	.89253
1.450	-.271	.99664	1.06228	.95192	.88182	.49898	1.33644	1.25209	1.20826	1.19739	.89144
1.450	.768	.99347	1.06055	.95069	.88048	.49763	1.33476	1.25191	1.20688	1.19760	.89145
1.450	1.777	.98969	1.05660	.94852	.87778	.49615	1.33127	1.25309	1.20703	1.19830	.89014
1.450	2.768	.98310	1.05120	.94327	.87250	.49408	1.32523	1.25471	1.20765	1.19969	.88781
1.450	3.794	.97319	1.03950	.93501	.86472	.49000	1.31503	1.25525	1.20740	1.20155	.88344
GRADIENT		-.00050	-.00037	.00020	-.00020	.00054	-.00177	.00162	-.00024	-.00024	-.00068

IA310 (AEDC 16TF-783) PROBE CALIBRATION (RCM058) (03 OCT 91)

PARAMETRIC DATA

ALPHA = -8.000 PHI = 180.000

RUN NO. 1700/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.469	-3.779	.95837	1.04082	.93031	.86435	.48218	1.31846	1.23945	1.24720	1.19506	.88282
1.469	-2.756	.96746	1.05188	.93944	.86969	.48794	1.32372	1.24155	1.24744	1.19467	.88549
1.470	-1.751	.97315	1.05593	.94569	.87543	.49139	1.32708	1.24316	1.24721	1.19430	.88640
1.470	-.739	.97653	1.05936	.94752	.87808	.49402	1.32843	1.24470	1.24708	1.19421	.88654
1.469	-.254	.97033	1.05584	.94435	.87490	.49295	1.32657	1.24711	1.24605	1.19533	.88871
1.469	.796	.96775	1.05461	.94415	.87481	.49224	1.32548	1.24788	1.24559	1.19598	.88900
1.470	1.798	.96446	1.05171	.94194	.87193	.49064	1.32219	1.24999	1.24633	1.19677	.88772
1.470	2.797	.95783	1.04605	.93597	.86616	.48729	1.31566	1.25080	1.24592	1.19818	.88551
1.470	3.814	.94980	1.03438	.92832	.85904	.48251	1.30728	1.25144	1.24555	1.19978	.88142
GRADIENT		-.00160	-.00103	-.00053	-.00077	-.00008	-.00149	.00165	-.00025	.00065	-.00003

RUN NO. 1693/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.498	-3.792	.93697	1.03384	.92357	.85827	.48226	1.30382	1.23576	1.28642	1.19053	.88109
1.497	-2.773	.93918	1.04200	.92963	.86123	.48492	1.30260	1.23919	1.28674	1.18684	.88143
1.497	-1.764	.94424	1.04530	.93603	.86702	.48866	1.30513	1.24065	1.28678	1.18613	.88217
1.496	-.758	.94688	1.04852	.93743	.86928	.49171	1.30595	1.24131	1.28612	1.18547	.88196
1.494	-.240	.94185	1.04542	.93479	.86631	.49295	1.30007	1.24217	1.28328	1.18383	.88284
1.495	.813	.93543	1.04353	.93438	.86587	.49214	1.29634	1.24327	1.28310	1.18419	.88320
1.496	1.807	.93271	1.04126	.93149	.86241	.48987	1.29367	1.24486	1.28368	1.18434	.88138
1.495	2.811	.92825	1.03546	.92543	.85647	.48633	1.28957	1.24547	1.28337	1.18589	.87937
1.496	3.820	.92306	1.02460	.91874	.85072	.48241	1.28387	1.24593	1.28409	1.18833	.87630
GRADIENT		-.00219	-.00126	-.00080	-.00103	.00011	-.00270	.00132	-.00049	-.00028	-.00048

RUN NO. 1688/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.521	-3.835	.86438	1.03142	.92212	.85715	.47961	1.24781	1.25253	1.32211	1.18131	.87450
1.521	-2.770	.85862	1.04094	.92930	.86233	.48287	1.24500	1.25328	1.32131	1.18155	.87786
1.520	-1.767	.85585	1.04381	.93549	.86787	.48593	1.24244	1.25484	1.32150	1.18171	.87941
1.520	-.756	.84999	1.04678	.93559	.86874	.48766	1.23687	1.25582	1.32112	1.18009	.87833
1.520	-.234	.80225	1.04342	.93097	.86252	.48587	1.20552	1.25761	1.31993	1.17689	.88206
1.521	.803	.80365	1.04199	.93212	.86376	.48523	1.20802	1.25922	1.32048	1.17811	.88283
1.521	1.812	.80067	1.04113	.92889	.85991	.48215	1.20610	1.25931	1.31968	1.17816	.88076
1.520	2.823	.80938	1.03422	.92279	.85452	.47931	1.21133	1.26001	1.31966	1.17979	.87873
1.520	3.821	.81443	1.02221	.91486	.84623	.47521	1.21373	1.26046	1.31941	1.18151	.87459
GRADIENT		-.00869	-.00120	-.00115	-.00156	-.00068	-.00585	.00113	-.00035	-.00022	.00015

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(RCM058) (03 OCT 91)

PARAMETRIC DATA

ALPHA = -8.000 PHI = 180.000

RUN NO. 1681/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.543	-3.791	.64598	1.02299	.90901	.84676	.47337	1.08465	1.29426	1.35773	1.18037	.87333
1.545	-2.772	.60848	1.03217	.91601	.85215	.47557	1.03988	1.30109	1.36204	1.17983	.87516
1.544	-1.765	.60464	1.03912	.92267	.85825	.47908	1.03285	1.30103	1.36118	1.17818	.87625
1.543	-758	.60266	1.04532	.92344	.85830	.48094	1.02746	1.30077	1.36020	1.17610	.87599
1.542	-236	.59773	1.04679	.92409	.85621	.48171	1.00645	1.29943	1.35787	1.17252	.87405
1.544	.806	.59650	1.04662	.92691	.85905	.48850	1.00876	1.30109	1.35872	1.17597	.87640
1.543	1.817	.59643	1.03984	.92418	.85539	.48466	1.00942	1.30095	1.35795	1.17555	.87393
1.543	2.816	.59786	1.03405	.91801	.84960	.48323	1.01898	1.30173	1.35816	1.17755	.87273
1.544	3.829	.60463	1.02247	.90966	.84342	.48048	1.03466	1.30274	1.35875	1.18063	.87042
	GRADIENT	-.00391	.00003	.00020	-.00048	.00120	-.00573	.00066	-.00026	-.00017	-.00041

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(RCM059) (03 OCT 91)

PARAMETRIC DATA

ALPHA = 2.000 PHI = 180.000

RUN NO. 1676/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
.600	-4.121	.83877	.87244	.79344	.72878	.33788	.77238	.89926	.93737	.59615	.24053
.600	-3.141	.85197	.88672	.80484	.73881	.34497	.78711	.89992	.93861	.60136	.24836
.600	-2.191	.86091	.89597	.81220	.74548	.34925	.79617	.89964	.93894	.60396	.25098
.600	-1.256	.86668	.90290	.81820	.75092	.35367	.80052	.89851	.93835	.60527	.25085
.600	-.303	.87179	.90946	.82440	.75702	.35973	.80148	.89916	.93975	.60582	.25031
.600	.734	.87154	.91012	.82593	.75906	.36277	.79463	.89723	.93842	.60212	.24570
.600	1.785	.86703	.90691	.82464	.75816	.36439	.78651	.89707	.93924	.60248	.24258
.600	2.833	.85874	.89943	.81943	.75350	.36305	.77412	.89669	.93975	.60205	.23809
.600	3.873	.84330	.88447	.80745	.74266	.35666	.75692	.89433	.93830	.60022	.23227
	GRADIENT	.00083	.00183	.00214	.00216	.00278	-.00222	-.00060	.00013	.00018	-.00147

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(RCM059) (03 OCT 91)

PARAMETRIC DATA

ALPHA = 2.000 PHI = 180.000

RUN NO. 1752/ 0		RN/L = 2.50		GRADIENT INTERVAL = -5.00/ 5.00		CPU		CPC4		CPC5		CPC6		CPC2	
BETA	CPB	CPC1	CPC2	CPC3	CP01										
-4.086	.91706	.95200	.87283	.80692	.40565		.85064	1.00459	1.08142			.67084			CP02
-3.097	.92774	.96358	.88191	.81470	.41036		.86254	1.00221	1.08001			.67412			.30352
-2.136	.93596	.97296	.88964	.82168	.41436		.87190	1.00109	1.07969			.67765			.30902
-1.188	.94158	.97954	.89546	.82688	.41902		.87634	1.00090	1.08038			.67883			.31214
-.228	.94372	.98297	.89872	.83021	.42315		.87590	1.00018	1.08057			.67841			.31250
.795	.94336	.98366	.90022	.83196	.42605		.87090	.99903	1.08037			.67659			.31190
1.840	.93834	.97938	.89749	.82969	.42599		.86292	.99779	1.08050			.67678			.30873
2.888	.92982	.97136	.89159	.82438	.42402		.85144	.99678	1.08064			.67621			.30541
3.918	.91697	.95922	.88181	.81557	.41866		.83625	.99454	1.07986			.67497			.30138
GRADIENT	.00014	.00108	.00137	.00136	.00203		-.00199	-.00109	-.00005			.00030			.29577
															-.00122

RUN NO. 1665/ 0		RN/L =		2.50		GRADIENT INTERVAL =		-5.00/		5.00			
BETA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CP02			
-4.089	.97074	1.00662	.92509	.86112	.46672	.90738	1.07454	1.20236	.73211	.36969			
-3.100	.98188	1.01893	.93493	.86970	.47230	.91946	1.07313	1.20181	.73599	.37551			
-2.142	.98940	1.02737	.94156	.87604	.47632	.92762	1.07307	1.20270	.73859	.37817			
-1.199	.99406	1.03280	.94621	.88018	.47980	.93095	1.07238	1.20291	.73917	.37822			
-.236	.99691	1.03682	.95023	.88417	.48436	.93069	1.07140	1.20298	.73863	.37743			
.798	.99641	1.03737	.95144	.88561	.48707	.92643	1.07055	1.20332	.73719	.37475			
1.841	.99169	1.03363	.94905	.88352	.48689	.91903	1.06941	1.20330	.73719	.37114			
2.881	.98310	1.02526	.94275	.87775	.48427	.90758	1.06756	1.20245	.73587	.36685			
3.911	.97248	1.01496	.93499	.87067	.48055	.89457	1.06675	1.20285	.73556	.36241			
GRADIENT	.00023	.00109	.00134	.00133	.00197	-.00189	-.00095	.00009	.00013	-.00124			

RUN NO. 1744/ 0		RN/L =		2.51		GRADIENT INTERVAL =		-5.00/ 5.00		CPC5		CPC6		CPC2		
BETA		CPB	CPC1	CPC2	CPC3	CPC1	CPU	CPC4								
-4.031	1.11195	1.14585	1.06973	1.00979	.64871	1.04981	1.13632	1.14035								
-3.023	1.12094	1.15587	1.07756	1.01654	.65309	1.06076	1.13661	1.14077								
-2.051	1.12720	1.16325	1.08322	1.02181	.65651	1.06822	1.13675	1.14113								
-1.082	1.13058	1.16738	1.08703	1.02518	.65885	1.07144	1.13614	1.14062								
-.106	1.13153	1.16941	1.08889	1.02690	.66071	1.07145	1.13550	1.14023								
.920	1.12981	1.16841	1.08843	1.02675	.66166	1.06804	1.13484	1.13982								
1.944	1.12466	1.16393	1.08485	1.02339	.66013	1.06219	1.13424	1.13957								
2.966	1.11800	1.15764	1.08024	1.01930	.65899	1.05302	1.13385	1.13960								
3.982	1.10752	1.14763	1.07254	1.01222	.65474	1.04092	1.13302	1.13940								
GRADIENT	-.00057	.00022	.00037	.00036	.00085	-.00127	-.00046	-.00019								

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(RCM059) (03 OCT 91)

PARAMETRIC DATA

ALPHA = 2.000 PHI = 180.000

RUN NO. 1728/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.250	-4.076	1.17951	1.21671	1.13839	1.07604	1.71015	1.11905	1.27141	1.33181	.95191	.62430
1.250	-3.075	1.18713	1.22562	1.14537	1.08177	1.71357	1.12856	1.27022	1.33149	.95397	.62798
1.250	-2.107	1.19432	1.23436	1.15231	1.08817	1.71769	1.13636	1.26986	1.33180	.95661	.63043
1.250	-1.162	1.19787	1.23902	1.15633	1.09174	1.72044	1.13931	1.26840	1.33127	.95706	.63141
1.250	-.197	1.19996	1.24210	1.15912	1.09429	1.72384	1.13865	1.26692	1.33056	.95598	.63064
1.250	.834	1.19983	1.24265	1.16044	1.09581	1.72667	1.13540	1.26672	1.33126	.95478	.62844
1.250	1.866	1.19561	1.23892	1.15811	1.09401	1.72647	1.12865	1.26558	1.33100	.95513	.62525
1.250	2.910	1.18761	1.23120	1.15219	1.08856	1.72408	1.11872	1.26369	1.32998	.95500	.62203
1.250	3.938	1.17787	1.22160	1.14503	1.08224	1.72084	1.10693	1.26291	1.33015	.95470	.61781
	GRADIENT	-.00006	.00077	.00101	.00098	.00162	-.00168	-.00106	-.00021	.00015	-.00097

RUN NO. 1720/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.400	-4.068	1.20289	1.25674	1.16830	1.10218	.72897	1.13605	1.25291	1.14037	.96817	.64273
1.400	-3.065	1.21059	1.26590	1.17493	1.10792	.73209	1.14602	1.25319	1.14076	.97023	.64578
1.400	-2.100	1.21564	1.27267	1.18069	1.11368	.73496	1.15232	1.25267	1.14037	.97149	.64702
1.400	-1.151	1.21855	1.27811	1.18587	1.11809	.73741	1.15398	1.25205	1.13991	.97028	.64673
1.400	-.177	1.22034	1.28194	1.18924	1.12108	.74084	1.15342	1.25125	1.13945	.96891	.64666
1.400	.855	1.21967	1.28198	1.19024	1.12228	.74327	1.15031	1.25178	1.14029	.96751	.64472
1.400	1.884	1.21564	1.27677	1.18676	1.11964	.74307	1.14413	1.25039	1.13932	.96799	.64166
1.400	2.919	1.20990	1.27033	1.18157	1.11474	.74162	1.13479	1.25000	1.13946	.96810	.63897
1.400	3.945	1.20123	1.26233	1.17583	1.10944	.73907	1.12386	1.24984	1.13986	.96859	.63609
	GRADIENT	-.00016	.00075	.00107	.00106	.00150	-.00176	-.00044	-.00013	-.00024	-.00101

RUN NO. 1710/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.450	-4.110	1.18609	1.25656	1.16527	1.09796	.72228	1.11963	1.25667	1.20192	.96228	.64143
1.449	-3.124	1.19183	1.26589	1.17214	1.10358	.72531	1.12712	1.25496	1.20039	.96226	.64227
1.450	-2.172	1.19693	1.27400	1.17907	1.11070	.73052	1.13304	1.25573	1.20132	.96414	.64415
1.449	-1.245	1.20037	1.28097	1.18576	1.11655	.73371	1.13434	1.25514	1.20085	.96314	.64410
1.449	-.287	1.20313	1.28636	1.18971	1.11973	.73875	1.13314	1.25472	1.20070	.96071	.64277
1.450	.743	1.20330	1.28625	1.19105	1.12145	.74086	1.12898	1.25476	1.20107	.95797	.63874
1.450	1.791	1.20049	1.28032	1.18759	1.11982	.74135	1.12283	1.25449	1.20120	.95814	.63543
1.450	2.852	1.19607	1.27353	1.18153	1.11388	.73943	1.11401	1.25302	1.20018	.95758	.63168
1.449	3.891	1.18678	1.26465	1.17504	1.10700	.73540	1.10281	1.25160	1.19922	.95716	.62804
	GRADIENT	.00037	.00114	.00143	.00145	.00203	-.00228	-.00049	-.00019	-.00087	-.00183

IA310 (AEDC 16TF-783) PROBE CALIBRATION (RCM059) (03 OCT 91)

PARAMETRIC DATA

ALPHA = 2.000 PHI = 180.000

RUN NO. 1703/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.484	-4.105	1.16361	1.25281	1.16081	1.09422	.71746	1.09590	1.25214	1.23957	.95563	.63945
1.470	-3.111	1.16879	1.26184	1.16742	1.10015	.72182	1.10373	1.25199	1.23955	.95701	.64061
1.470	-2.157	1.17221	1.26869	1.17277	1.10474	.72530	1.10760	1.25198	1.23964	.95837	.64152
1.470	-1.226	1.17344	1.27277	1.17578	1.10696	.72832	1.10661	1.25147	1.23933	.95780	.64160
1.485	.265	1.17526	1.27552	1.17903	1.11049	.73280	1.10475	1.25121	1.23922	.95628	.64029
1.471	.759	1.17712	1.27725	1.18174	1.11393	.73718	1.10184	1.25086	1.23920	.95454	.63734
1.470	1.813	1.17521	1.27353	1.17831	1.11068	.73595	1.09636	1.24971	1.23843	.95312	.63241
1.470	2.863	1.17161	1.26899	1.17477	1.10667	.73522	1.08996	1.24942	1.23856	.95350	.62997
1.484	3.899	1.16378	1.25913	1.16793	1.09993	.73140	1.08083	1.24841	1.23798	.95306	.62647
GRADIENT		.00028	.00096	.00108	.00098	.00208	-.00226	-.00047	-.00020	-.00058	-.00180

RUN NO. 1696/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.495	-4.100	1.12309	1.24544	1.15242	1.08529	.71295	1.05422	1.24636	1.27742	.94740	.63633
1.495	-3.103	1.12177	1.25420	1.15825	1.09194	.71610	1.05387	1.24594	1.27709	.94834	.63638
1.495	-2.146	1.12183	1.26083	1.16366	1.09661	.71980	1.05425	1.24664	1.27782	.95024	.63761
1.494	-1.213	1.12177	1.26535	1.16777	1.10050	.72329	1.05154	1.24628	1.27757	.94921	.63801
1.494	-.258	1.12209	1.26826	1.17117	1.10396	.72790	1.04703	1.24506	1.27660	.94641	.63621
1.495	.779	1.12588	1.26989	1.17371	1.10665	.73150	1.04603	1.24490	1.27684	.94463	.63304
1.495	1.819	1.12658	1.26737	1.17209	1.10535	.73223	1.04326	1.24392	1.27620	.94422	.62934
1.495	2.874	1.12840	1.26226	1.16898	1.10255	.73141	1.04192	1.24363	1.27637	.94503	.62671
1.495	3.907	1.12534	1.25332	1.16300	1.09554	.72880	1.03736	1.24237	1.27584	.94521	.62388
GRADIENT		.00071	.00117	.00158	.00157	.00236	-.00219	-.00050	-.00021	-.00059	-.00169

RUN NO. 1691/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.521	-4.099	.96305	1.24138	1.14768	1.08249	.71080	.88246	1.25773	1.31220	.94095	.63464
1.521	-3.103	.92922	1.25006	1.15322	1.08715	.71403	.84769	1.25715	1.31190	.94154	.63522
1.521	-2.151	.90762	1.25733	1.15824	1.09144	.71737	.82509	1.25706	1.31198	.94301	.63638
1.521	-1.215	.89779	1.26347	1.16286	1.09529	.72026	.81326	1.25698	1.31220	.94141	.63727
1.521	-.256	.89992	1.26794	1.16695	1.09913	.72403	.81030	1.25666	1.31226	.94097	.63709
1.521	.778	.89917	1.26729	1.16807	1.10048	.72669	.80347	1.25504	1.31112	.93650	.63348
1.521	1.826	.91160	1.26248	1.16605	1.09925	.72745	.81239	1.25430	1.31080	.93629	.63113
1.521	2.875	.93768	1.25613	1.16190	1.09568	.72612	.83822	1.25444	1.31142	.93664	.62818
1.521	3.907	.96255	1.24651	1.15518	1.08919	.72285	.86389	1.25335	1.31082	.93777	.62503
GRADIENT		.00073	.00081	.00124	.00118	.00183	-.00211	-.00055	-.00017	-.00077	-.00125

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(RCM059) (03 OCT 91)

PARAMETRIC DATA

ALPHA = 2.000 PHI = 180.000

RUN NO. 1684/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CPB	CPC1	CPC2	CPC3	CP01	CPU	CPC4	CPC5	CPC6	CP02
1.544	-4.099	.82141	1.25190	1.14303	1.07835	.70776	.73108	1.28739	1.35160	.93283	.62985
1.544	-3.108	.93116	1.30082	1.15542	1.08540	.71084	.86487	1.28692	1.35164	.93500	.63182
1.544	-2.147	.97054	1.29878	1.16256	1.08962	.71273	.91356	1.28513	1.35105	.93597	.63242
1.543	-1.209	.98416	1.29332	1.16842	1.09439	.71565	.92947	1.28309	1.35062	.93782	.63441
1.543	-250	.98482	1.30222	1.17253	1.09804	.71996	.92688	1.28128	1.35081	.93682	.63648
1.543	.782	.97017	1.31754	1.17267	1.09911	.72207	.90812	1.27788	1.34967	.93271	.63329
1.544	1.820	.94134	1.32010	1.17006	1.09824	.72203	.87334	1.27598	1.34968	.93050	.63069
1.543	2.879	.85932	1.28259	1.16165	1.09338	.72047	.77681	1.27435	1.34951	.92507	.62767
1.544	3.907	.81205	1.25364	1.15347	1.08741	.71834	.71977	1.27357	1.34953	.92267	.62490
GRADIENT		-.00588	.00019	.00126	.00133	.00159	-.00740	-.00194	-.00031	-.00147	-.00064

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(RCM060) (03 OCT 91)

PARAMETRIC DATA

BETA = -1.000 PHI = 180.000

RUN NO. 1729/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CP01	CPU	CPC4	CPC5	CPC6	CP02
1.250	-5.036	1.06917	1.10127	1.00845	.94028	.55393	1.25644	1.25636	1.32713	1.11162	.79770
1.250	-4.776	1.07430	1.10654	1.01459	.94631	.56028	1.25183	1.25710	1.32742	1.10599	.79109
1.250	-4.525	1.07877	1.11131	1.01970	.95160	.56597	1.24763	1.25728	1.32716	1.10102	.78527
1.249	-4.279	1.08355	1.11638	1.02499	.95685	.57116	1.24355	1.25757	1.32694	1.09583	.77908
1.250	-4.029	1.08886	1.12202	1.03114	.96299	.57796	1.23953	1.25769	1.32650	1.09071	.77364
1.250	-3.788	1.09363	1.12736	1.03649	.96820	.58370	1.23549	1.25786	1.32654	1.08543	.76744
1.250	-3.537	1.09945	1.13404	1.04287	.97442	.59055	1.23193	1.25868	1.32706	1.08038	.76156
1.250	-3.289	1.10466	1.14016	1.04856	.98020	.59689	1.22798	1.25882	1.32695	1.07517	.75591
1.250	-3.041	1.10845	1.14488	1.05313	.98496	.60235	1.22265	1.25784	1.32574	1.06875	.74913
GRADIENT		.02024	.02265	.02275	.02268	.02467	-.01642	.00079	-.00060	-.02123	-.02401

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(RCM061) (03 OCT 91)

PARAMETRIC DATA

BETA = -.750 PHI = 180.000

RUN NO. 1730/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.250	-5.032	1.06964	1.10198	1.00754	.94053	.55447	1.25630	1.25562	1.32433	1.11147	.79757
1.250	-4.767	1.07473	1.10726	1.01377	.94663	.56071	1.25176	1.25608	1.32430	1.10593	.79077
1.250	-4.519	1.07920	1.11162	1.01889	.95186	.56636	1.24767	1.25650	1.32427	1.10082	.78489
1.250	-4.271	1.08441	1.11710	1.02494	.95782	.57234	1.24353	1.25667	1.32392	1.09585	.77925
1.250	-4.022	1.08933	1.12215	1.03048	.96336	.57836	1.23988	1.25690	1.32387	1.09063	.77326
1.250	-3.774	1.09484	1.12790	1.03685	.96940	.58473	1.23581	1.25719	1.32387	1.08556	.76726
1.250	-3.525	1.09965	1.13318	1.04259	.97473	.59097	1.23134	1.25734	1.32365	1.07995	.76110
1.250	-3.276	1.10424	1.13820	1.04775	.97996	.59674	1.22704	1.25712	1.32317	1.07427	.75501
1.250	-3.027	1.10941	1.14401	1.05360	.98578	.60314	1.22282	1.25704	1.32289	1.06879	.74887
	GRADIENT	.02007	.02127	.02310	.02257	.02448	-.01658	.00058	-.00077	-.02134	-.02409

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(RCM062) (03 OCT 91)

PARAMETRIC DATA

BETA = -.500 PHI = 180.000

RUN NO. 1731/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.250	-5.016	1.06966	1.10229	1.00731	.93941	.55447	1.25559	1.25472	1.32121	1.11093	.79680
1.250	-4.758	1.07549	1.10850	1.01407	.94623	.56158	1.25184	1.25556	1.32171	1.10611	.79080
1.250	-4.511	1.07979	1.11291	1.01891	.95129	.56708	1.24753	1.25569	1.32133	1.10084	.78469
1.250	-4.259	1.08498	1.11830	1.02467	.95724	.57278	1.24366	1.25597	1.32121	1.09596	.77890
1.250	-4.007	1.08987	1.12346	1.03029	.96293	.57897	1.23917	1.25632	1.32116	1.09021	.77273
1.250	-3.760	1.09469	1.12857	1.03577	.96838	.58472	1.23518	1.25606	1.32052	1.08509	.76657
1.250	-3.513	1.09998	1.13422	1.04172	.97402	.59109	1.23126	1.25630	1.32051	1.07992	.76074
1.250	-3.261	1.10461	1.13967	1.04730	.97974	.59737	1.22665	1.25603	1.31995	1.07402	.75446
1.250	-3.019	1.10978	1.14493	1.05300	.98540	.60358	1.22254	1.25636	1.32016	1.06869	.74850
	GRADIENT	.01980	.02113	.02253	.02259	.02421	-.01677	.00038	-.00098	-.02149	-.02429

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(RCM063) (03 OCT 91)

PARAMETRIC DATA

BETA = -.250 PHI = 180.000

RUN NO. 1732/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.250	-5.009	1.07020	1.10271	1.00809	.93948	.55464	1.25559	1.25402	1.31837	1.11108	.79673
1.250	-4.752	1.07573	1.10848	1.01442	.94591	.56152	1.25154	1.25477	1.31878	1.10594	.79044
1.250	-4.500	1.08045	1.11358	1.01986	.95157	.56731	1.24764	1.25513	1.31872	1.10102	.78456
1.249	-4.249	1.08495	1.11842	1.02523	.95705	.57293	1.24290	1.25478	1.31801	1.09540	.77838
1.250	-4.002	1.09034	1.12400	1.03099	.96289	.57926	1.23911	1.25543	1.31827	1.09032	.77242
1.250	-3.751	1.09505	1.12918	1.03678	.96871	.58555	1.23475	1.25499	1.31754	1.08501	.76631
1.250	-3.500	1.10013	1.13454	1.04232	.97405	.59134	1.23082	1.25572	1.31792	1.07958	.76019
1.250	-3.254	1.10556	1.14069	1.04858	.98046	.59811	1.22700	1.25579	1.31778	1.07453	.75455
1.250	-3.003	1.11045	1.14602	1.05415	.98608	.60410	1.22273	1.25561	1.31738	1.06877	.74819
	GRADIENT	.01997	.02154	.02282	.02301	.02449	-.01647	.00055	-.00074	-.02124	-.02415

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(RCM064) (03 OCT 91)

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 1733/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.250	-5.001	1.07025	1.10308	1.00899	.94080	.55529	1.25506	1.25185	1.31523	1.11089	.79648
1.250	-4.738	1.07550	1.10856	1.01527	.94713	.56171	1.25077	1.25256	1.31547	1.10572	.78987
1.250	-4.492	1.08047	1.11378	1.02103	.95303	.56775	1.24727	1.25323	1.31568	1.10118	.78451
1.250	-4.240	1.08543	1.11928	1.02702	.95897	.57382	1.24276	1.25338	1.31538	1.09586	.77842
1.250	-3.993	1.09059	1.12476	1.03291	.96470	.57987	1.23907	1.25368	1.31525	1.09087	.77261
1.250	-3.737	1.09562	1.13024	1.03862	.97030	.58623	1.23469	1.25342	1.31467	1.08532	.76625
1.250	-3.490	1.10055	1.13603	1.04433	.97584	.59247	1.23035	1.25381	1.31469	1.07992	.76022
1.250	-3.239	1.10493	1.14106	1.04926	.98079	.59784	1.22567	1.25371	1.31440	1.07392	.75341
1.249	-2.988	1.11038	1.14720	1.05528	.98685	.60436	1.22208	1.25351	1.31402	1.06888	.74767
	GRADIENT	.01982	.02200	.02277	.02250	.02432	-.01667	.00048	-.00092	-.02129	-.02434

IA310 (AEDC 16TF-783) PROBE CALIBRATION (RCM065) (03 OCT 91)

PARAMETRIC DATA

BETA = .250 PHI = 180.000

RUN NO. 1734/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.249	-4.991	1.07022	1.10340	1.00992	.94121	.55515	1.25442	1.25034	1.31252	1.11064	.79579
1.250	-4.732	1.07561	1.10893	1.01622	.94743	.56170	1.25018	1.25087	1.31262	1.10536	.78928
1.250	-4.485	1.08067	1.11447	1.02217	.95339	.56779	1.24649	1.25118	1.31251	1.10079	.78370
1.250	-4.232	1.08530	1.11976	1.02748	.95883	.57355	1.24192	1.25121	1.31222	1.09537	.77741
1.250	-3.979	1.09032	1.12562	1.03343	.96455	.57980	1.23797	1.25158	1.31215	1.09035	.77157
1.250	-3.732	1.09524	1.13102	1.03887	.97006	.58585	1.23363	1.25145	1.31171	1.08486	.76521
1.250	-3.479	1.10069	1.13722	1.04482	.97598	.59244	1.22990	1.25166	1.31161	1.07996	.75955
1.250	-3.226	1.10469	1.14225	1.04977	.98102	.59809	1.22478	1.25100	1.31075	1.07375	.75277
1.250	-2.977	1.11045	1.14852	1.05604	.98736	.60477	1.22141	1.25179	1.31135	1.06907	.74725
	GRADIENT	.01976	.02235	.02266	.02265	.02447	-.01655	.00049	-.00084	-.02076	-.02414

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(RCM066) (03 OCT 91)

PARAMETRIC DATA

BETA = .500 PHI = 180.000

RUN NO. 1735/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.250	-4.984	1.07067	1.10422	1.01080	.94167	.55570	1.25418	1.24894	1.31017	1.11106	.79581
1.250	-4.725	1.07549	1.10983	1.01666	.94758	.56190	1.24937	1.24888	1.30963	1.10540	.78900
1.250	-4.471	1.08035	1.11518	1.02212	.95317	.56756	1.24548	1.24905	1.30937	1.10050	.78306
1.250	-4.221	1.08494	1.12051	1.02737	.95849	.57342	1.24090	1.24935	1.30931	1.09504	.77675
1.250	-3.972	1.09000	1.12659	1.03332	.96433	.57968	1.23714	1.24953	1.30919	1.09043	.77107
1.250	-3.717	1.09465	1.13195	1.03868	.96975	.58566	1.23258	1.24945	1.30882	1.08493	.76468
1.250	-3.466	1.10040	1.13812	1.04484	.97579	.59244	1.22917	1.24995	1.30903	1.08002	.75891
1.250	-3.210	1.10518	1.14367	1.05037	.98158	.59873	1.22476	1.24969	1.30850	1.07448	.75277
1.250	-2.963	1.10976	1.14859	1.05544	.98670	.60449	1.22014	1.24961	1.30825	1.06855	.74605
	GRADIENT	.01950	.02222	.02222	.02237	.02429	-.01658	.00046	-.00081	-.02073	-.02431

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(RCM067) (03 OCT 91)

PARAMETRIC DATA

BETA = .750 PHI = 180.000

RUN NO. 1736/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.250	-4.976	1.07054	1.10543	1.01115	.94181	.55590	1.25375	1.24709	1.30735	1.11152	.79551
1.250	-4.715	1.07526	1.11093	1.01678	.94755	.56224	1.24868	1.24706	1.30686	1.10564	.78867
1.250	-4.464	1.07996	1.11650	1.02224	.95324	.56776	1.24488	1.24762	1.30702	1.10115	.78308
1.250	-4.212	1.08517	1.12218	1.02786	.95902	.57409	1.24066	1.24747	1.30646	1.09589	.77693
1.250	-3.960	1.08964	1.12743	1.03319	.96425	.57988	1.23616	1.24758	1.30621	1.09035	.77052
1.250	-3.708	1.09476	1.13323	1.03890	.97004	.58617	1.23236	1.24775	1.30611	1.08562	.76479
1.250	-3.453	1.10002	1.13880	1.04473	.97573	.59255	1.22829	1.24783	1.30584	1.08031	.75847
1.250	-3.203	1.10488	1.14404	1.05026	.98140	.59868	1.22417	1.24811	1.30589	1.07473	.75215
1.250	-2.947	1.10966	1.14933	1.05572	.98698	.60480	1.21971	1.24754	1.30510	1.06922	.74583
	GRADIENT	.01944	.02178	.02205	.02228	.02415	-.01655	.00037	-.00096	-.02068	-.02435

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(RCM068) (03 OCT 91)

PARAMETRIC DATA

BETA = 1.000 PHI = 180.000

RUN NO. 1737/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.250	-4.968	1.06955	1.10624	1.01045	.94114	.55565	1.25240	1.24509	1.30421	1.11131	.79472
1.250	-4.705	1.07482	1.11214	1.01652	.94732	.56219	1.24810	1.24546	1.30408	1.10617	.78837
1.250	-4.455	1.07918	1.11698	1.02147	.95244	.56764	1.24348	1.24572	1.30383	1.10087	.78220
1.250	-4.206	1.08419	1.12249	1.02717	.95835	.57376	1.23932	1.24588	1.30364	1.09578	.77615
1.250	-3.950	1.08918	1.12789	1.03299	.96412	.58007	1.23534	1.24592	1.30348	1.09066	.77021
1.250	-3.694	1.09381	1.13287	1.03832	.96951	.58595	1.23087	1.24598	1.30321	1.08526	.76378
1.250	-3.440	1.09877	1.13808	1.04383	.97485	.59204	1.22688	1.24578	1.30277	1.08016	.75771
1.250	-3.190	1.10433	1.14400	1.05005	.98127	.59889	1.22332	1.24633	1.30313	1.07552	.75215
1.250	-2.938	1.10932	1.14922	1.05583	.98717	.60529	1.21903	1.24608	1.30270	1.07004	.74584
	GRADIENT	.01949	.02105	.02223	.02249	.02431	-.01641	.00044	-.00075	-.02032	-.02404

(RCM069) (03 OCT 91)

IA310 (AEDC 16TF-783) REPEAT RUNS

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 1671/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
.599	-7.999	.64351	.68127	.56901	.49475	.07842	.98333	.94173	.95937	.84902	.52482
.599	-6.982	.66809	.70338	.59569	.52187	.10544	.96730	.94189	.95859	.82665	.49687
.600	-5.975	.69553	.72700	.62380	.55102	.13568	.95175	.94357	.95950	.80547	.47054
.600	-4.979	.71841	.75029	.64972	.57825	.16383	.93371	.94250	.95803	.78160	.44340
.600	-3.977	.74223	.77442	.67697	.60544	.19067	.91603	.94233	.95766	.75783	.41515
.600	-2.974	.76759	.80144	.70487	.63377	.22082	.89797	.94240	.95761	.73401	.38856
.600	-1.968	.79111	.82614	.73084	.66015	.24935	.87880	.94235	.95789	.70980	.36022
.601	-.949	.81296	.84800	.75535	.68522	.27824	.85753	.94067	.95654	.68353	.33028
.600	-.078	.83099	.86760	.76683	.70763	.30238	.84391	.92169	.95040	.66198	.30836
.600	.971	.85077	.88820	.80034	.73264	.33168	.82187	.92081	.94994	.63275	.27749
.600	1.989	.87209	.90932	.82421	.75706	.36046	.80102	.92044	.95028	.60527	.25063
GRADIENT		.02200	.02286	.02498	.02565	.02830	-.01903	-.00389	-.00138	-.02526	-.02774

RUN NO. 1747/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
.800	-7.999	.72647	.76103	.64981	.57404	.13853	1.05332	1.05213	1.09436	.91893	.58816
.800	-6.978	.75150	.78408	.67678	.60229	.16722	1.03875	1.05210	1.09399	.89742	.56093
.800	-5.977	.77559	.80584	.70257	.62887	.19547	1.02212	1.05265	1.09437	.87465	.53313
.800	-4.976	.79827	.82852	.72838	.65551	.22395	1.00482	1.05185	1.09355	.85182	.50624
.800	-3.981	.82130	.85278	.75568	.68249	.25333	.98809	1.05183	1.09369	.82978	.47983
.800	-2.974	.84379	.87815	.78209	.70930	.28261	.96936	1.05162	1.09390	.80544	.45137
.801	-1.972	.86577	.90180	.80674	.73475	.31142	.95073	1.05087	1.09362	.78160	.42346
.800	-.965	.88743	.92507	.83118	.76044	.34031	.93265	1.04986	1.09365	.75721	.39480
.800	.147	.90954	.94865	.85795	.78842	.37276	.91199	1.04863	1.09403	.72789	.36274
.800	.988	.92475	.96421	.87605	.80744	.39529	.89594	1.04424	1.09264	.70524	.33954
.800	1.998	.94432	.98363	.89846	.83024	.42358	.87526	1.04240	1.09223	.67767	.31107
GRADIENT		.02093	.02236	.02434	.02513	.02864	-.01854	-.00135	-.00016	-.02497	-.02811

RUN NO. 1660/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
.900	-8.000	.79017	.82330	.71332	.63979	.21117	1.10266	1.14904	1.19783	.97060	.64404
.899	-6.979	.81284	.84374	.73791	.66512	.23824	1.08700	1.14775	1.19702	.94817	.61688
.900	-5.970	.83589	.86603	.76415	.69224	.26692	1.07214	1.14872	1.19862	.92783	.59202
.900	-4.971	.85781	.88805	.78870	.71815	.29392	1.05538	1.14834	1.19893	.90567	.56561
.900	-3.977	.87851	.91010	.81340	.74282	.32039	1.03785	1.14659	1.19796	.88319	.53827
.900	-2.966	.90201	.93628	.84044	.76961	.34968	1.02177	1.14747	1.20002	.86133	.51245
.900	-1.966	.92103	.95710	.86232	.79241	.37608	1.00251	1.14605	1.19972	.83671	.48427
.900	-.955	.94291	.98088	.88716	.81802	.40528	.98588	1.14448	1.19955	.81416	.45782
.900	-.086	.95827	.99746	.90569	.83780	.43758	.97034	1.11953	1.20386	.79170	.43413
.900	.994	.97780	1.01801	.92922	.86242	.45737	.95000	1.11888	1.20436	.76449	.40417
.900	2.003	.99645	1.03622	.95037	.88434	.48454	.92987	1.11490	1.20150	.73764	.37637
GRADIENT		.01989	.02141	.02318	.02390	.02739	-.01787	-.00546	.00073	-.02402	-.02708

IA310 (AEDC 16TF-783) REPEAT RUNS

(RCM069) (03 OCT 91)

PARAMETRIC DATA

RUN NO.		1739/ O	RN/L =		2.51	GRADIENT INTERVAL =		-5.00/	5.00	BETA =	.000	PHI	=	180.000
ALPHA	CPB	CPC1	CPC2	CPC3	CPC1	CPU	CPC4	CPC5	CPC6					
-8.003	.94431	.97384	.87256	.80393	.41613	1.22747	1.11436	1.15296	1.10406					
-6.975	.96716	.99524	.89756	.82903	.44241	1.21533	1.11708	1.15399	1.08601					
-5.975	.98610	1.01383	.91949	.85170	.46665	1.20040	1.11900	1.15458	1.06571					
-4.978	1.00549	1.03358	.94135	.87481	.49026	1.18527	1.12029	1.15435	1.04590					
-3.968	1.02521	1.05429	.96406	.89796	.51432	1.16920	1.12125	1.15416	1.02520					
-2.977	1.04515	1.07640	.98754	.92154	.53942	1.15379	1.12197	1.15422	1.00447					
-1.970	1.06424	1.09758	1.00958	.94377	.56434	1.13751	1.12277	1.15404	.98310					
-.971	1.08161	1.11734	1.02997	.96505	.58837	1.12121	1.12254	1.15323	.96090					
.041	1.09817	1.13529	1.05048	.98649	.61298	1.10442	1.12249	1.15282	.93777					
1.007	1.11491	1.15282	1.07007	1.00724	.63667	1.08879	1.12314	1.15250	.91668					
2.014	1.13175	1.16938	1.08952	1.02749	.66118	1.07118	1.12287	1.15216	.89230					
GRADIENT	.01799	.01955	.02118	.02183	.02448	-.01627	.00034	-.00034	-.02194					

RUN NO.		1723/ O	RN/L =		2.50	GRADIENT INTERVAL =		-5.00/	5.00		
ALPHA	CPB	CPC1	CPC2	CPC3	CP01	CPU	CPC4	CPC5	CPC6	CP02	
-7.999	1.01084	1.04505	.94111	.87033	.48252	1.30290	1.32312	1.34901	1.17285	.86814	
-6.974	1.03153	1.06426	.96419	.89417	.50729	1.28852	1.32315	1.34903	1.15168	.84465	
-5.971	1.05181	1.08377	.98659	.91764	.53157	1.27303	1.32304	1.34899	1.13097	.82014	
-4.969	1.07137	1.10413	1.00982	.94152	.55608	1.25575	1.32308	1.34920	1.11129	.79634	
-3.973	1.09042	1.12432	1.03202	.96377	.57933	1.23886	1.32191	1.34836	1.09030	.77191	
-2.972	1.11006	1.14678	1.05457	.98616	.60391	1.22206	1.32120	1.34802	1.06867	.74745	
-1.970	1.13005	1.16828	1.07671	1.00888	.62887	1.20629	1.32072	1.34810	1.04739	.72436	
-.960	1.14885	1.18981	1.09879	1.03179	.65356	1.19003	1.31954	1.34772	1.02538	.70037	
.118	1.16736	1.20877	1.12122	1.05532	.67958	1.17070	1.31771	1.34729	1.00024	.67351	
.996	1.18386	1.22500	1.13898	1.07398	.70033	1.15690	1.31424	1.34673	.97947	.65364	
2.008	1.20046	1.24259	1.15960	1.09485	.72457	1.13834	1.31245	1.34611	.95524	.63006	
GRADIENT	.01860	.02001	.02150	.02209	.02425	-.01670	-.00148	-.00039	-.02231	-.02383	
RUN NO.		1712/ O	RN/L =		2.50	GRADIENT INTERVAL =		-5.00/	5.00		

ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CP02
-7.997	1.02088	1.06962	.95872	.88702	.49975	1.34215	1.22766	1.16250	1.20199	.89209
-6.974	1.04022	1.08919	.98223	.91050	.52285	1.32377	1.22857	1.16167	1.17966	.86742
-5.972	1.06098	1.11027	1.00638	.93513	.54666	1.30581	1.23109	1.16299	1.15767	.84269
-4.974	1.08051	1.13097	1.02943	.95879	.56986	1.28629	1.23134	1.16189	1.13453	.81729
-3.973	1.10164	1.15486	1.05362	.98264	.59375	1.26755	1.23308	1.16247	1.11309	.79315
-2.972	1.12350	1.17862	1.07765	1.00667	.61838	1.24751	1.23342	1.16189	1.09026	.76764
-1.972	1.14420	1.20103	1.10070	1.02998	.64293	1.22894	1.23392	1.16176	1.06722	.74299
-.966	1.16484	1.22366	1.12349	1.05310	.66720	1.21145	1.23454	1.16189	1.04305	.71694
.111	1.18500	1.24573	1.14806	1.07877	.69449	1.19053	1.23410	1.16098	1.01586	.68949
.998	1.20298	1.26369	1.16786	1.09911	.71640	1.17407	1.23477	1.16107	.99433	.66971
2.020	1.22114	1.28294	1.19036	1.12207	.74186	1.15336	1.23448	1.16072	.96847	.64624
GRADIENT	.02018	.02179	.02298	.02337	.02462	-.01887	.00039	-.00021	-.02383	-.02469

IA310 (AEDC 16TF-783) REPEAT RUNS

(RCMO69) (03 OCT 91)

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 1705/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.450	-7.994	.99877	1.06485	.95262	.88146	.49657	1.33886	1.24252	1.21433	1.19986	.89302
1.450	-6.971	1.01740	1.08302	.97523	.90465	.51613	1.31768	1.24401	1.21461	1.17731	.86747
1.450	-5.968	1.03681	1.10416	.99953	.92926	.53864	1.29526	1.24461	1.21374	1.15410	.84147
1.450	-4.971	1.05809	1.12825	1.02526	.95422	.56319	1.27680	1.24625	1.21419	1.13183	.81721
1.450	-3.968	1.07948	1.15343	1.04971	.97780	.58725	1.25655	1.24732	1.21403	1.10929	.79226
1.450	-2.965	1.09996	1.17717	1.07386	1.00171	.61216	1.23308	1.24766	1.21351	1.08639	.76621
1.450	-1.961	1.12126	1.19939	1.09650	1.02579	.63731	1.21263	1.24809	1.21325	1.06173	.74085
1.450	-.944	1.14605	1.22545	1.12112	1.05050	.66347	1.19646	1.24918	1.21388	1.03632	.71551
1.449	-.091	1.16094	1.24113	1.13951	1.06929	.68566	1.17480	1.24808	1.21200	1.01363	.69083
1.450	.974	1.18695	1.26686	1.16607	1.09579	.71377	1.15704	1.24915	1.21297	.98645	.66661
1.450	2.001	1.20413	1.28741	1.19089	1.12091	.74003	1.13342	1.24835	1.21226	.96073	.64278
GRADIENT		.02126	.02284	.02361	.02387	.02546	-.02035	.00032	-.00027	-.02472	-.02526

RUN NO. 1698/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.471	-7.998	.97757	1.06064	.94831	.87726	.49488	1.32737	1.23771	1.25312	1.19324	.88554
1.471	-6.970	.99647	1.08178	.97285	.90171	.51657	1.30611	1.23921	1.25268	1.17000	.86046
1.472	-5.972	1.01526	1.10404	.99777	.92705	.53913	1.28055	1.24093	1.25289	1.14656	.83526
1.471	-4.970	1.03372	1.12623	1.02219	.95177	.56189	1.25649	1.24198	1.25297	1.12554	.80973
1.471	-3.973	1.05384	1.14887	1.04551	.97478	.58412	1.23433	1.24225	1.25215	1.09863	.78464
1.471	-2.970	1.07455	1.17355	1.06976	.99859	.60865	1.20967	1.24331	1.25236	1.07488	.76001
1.471	-1.962	1.09295	1.19625	1.09302	1.02234	.63305	1.18576	1.24344	1.25181	1.05098	.73514
1.470	-.947	1.11147	1.21679	1.11466	1.04544	.65835	1.16193	1.24359	1.25151	1.02552	.70886
1.469	.149	1.13542	1.23910	1.13804	1.06875	.68608	1.14055	1.24398	1.25148	1.00090	.68245
1.469	.980	1.15212	1.25460	1.15556	1.08657	.70698	1.12346	1.24392	1.25131	.98114	.66227
1.469	2.007	1.17605	1.27465	1.17837	1.10996	.73274	1.10523	1.24331	1.25073	.95486	.63895
GRADIENT		.02011	.02126	.02227	.02263	.02462	-.02192	.00024	-.00027	-.02392	-.02461

RUN NO. 1668/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.496	-7.999	.93340	1.04328	.93278	.86409	.48998	1.29281	1.33373	1.36299	1.17947	.87581
1.497	-6.971	.94653	1.06480	.95764	.88887	.51154	1.26681	1.33423	1.36309	1.15496	.85001
1.497	-5.968	.95694	1.08906	.98301	.91366	.53169	1.23610	1.33433	1.36299	1.13192	.82482
1.496	-4.966	.96606	1.10951	1.00618	.93726	.55233	1.20288	1.33466	1.36326	1.10782	.79949
1.497	-3.969	.97848	1.13225	1.03024	.96146	.57521	1.17159	1.33595	1.36467	1.08420	.77532
1.497	-2.967	.99149	1.15866	1.05512	.98558	.59939	1.13775	1.33720	1.36627	1.05974	.75015
1.497	-1.965	1.00160	1.18096	1.07697	1.00792	.62298	1.10396	1.33595	1.36558	1.03499	.72423
1.497	-.953	1.01867	1.20257	1.09974	1.03129	.64864	1.07661	1.33373	1.36394	1.01097	.69899
1.497	.161	1.04177	1.22545	1.12373	1.05535	.67753	1.04682	1.33163	1.36363	.98324	.67163
1.496	.878	1.06342	1.23962	1.14029	1.07253	.69519	1.03545	1.32909	1.36318	.96836	.65677
1.496	1.999	1.09501	1.25940	1.16367	1.09719	.72242	1.01871	1.32780	1.36284	.93869	.63119
GRADIENT		.01789	.02169	.02256	.02287	.02459	-.02726	-.00121	-.00024	-.02419	-.02438

IA310 (AEDC 16TF-783) REPEAT RUNS

(RCM069) (03 OCT 91)

PARAMETRIC DATA

RUN NO. 1686/ 0		RN/L = 2.50		GRADIENT INTERVAL = -5.00/ 5.00		BETA =		.000 PHI = 180.000			
MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPC01	CPU	CPC4	CPC5	CPC6	CP02
1.520	-7.997	.84275	1.04602	.93576	.86732	.48773	1.23020	1.25622	1.32780	1.17867	.87727
1.520	-6.969	.82499	1.06818	.95946	.89115	.51178	1.17703	1.25774	1.32803	1.15462	.85142
1.520	-5.968	.80956	1.09152	.98278	.91478	.53415	1.12200	1.25817	1.32741	1.13034	.82629
1.520	-4.966	.80248	1.11372	1.00656	.93891	.55601	1.06995	1.25937	1.32768	1.10663	.80207
1.520	-3.970	.78878	1.13589	1.03030	.96244	.57797	1.01249	1.26035	1.32789	1.08327	.77749
1.520	-2.967	.77542	1.15993	1.05461	.98646	.60148	.94576	1.26010	1.32722	1.05868	.75167
1.520	-1.965	.78065	1.18314	1.07742	1.00929	.62532	.89364	1.26010	1.32691	1.03342	.72617
1.520	-.952	.85345	1.20074	1.10010	1.03239	.65083	.90509	1.26008	1.32663	1.00802	.69982
1.520	.163	1.04515	1.18878	1.13167	1.05921	.67832	1.04547	1.26032	1.32679	.98573	.67500
1.520	.984	1.06339	1.25255	1.14990	1.07659	.69734	1.03711	1.25857	1.32588	.96839	.65673
1.520	2.000	.90031	1.26754	1.16588	1.09793	.72301	.81961	1.25799	1.32584	.93816	.63502
GRADIENT		.03531	.02090	.02345	.02294	.02409	-.01546	-.00021	-.00029	-.02380	-.02419

RUN NO. 1679/ 0		RN/L = 2.49		GRADIENT INTERVAL = -5.00/ 5.00		BETA =		.000 PHI = 180.000			
MACH	ALPHA	CPB	CPC1	CPC2	CPC3	CPC01	CPU	CPC4	CPC5	CPC6	CP02
1.545	-7.992	.60442	1.04684	.92664	.86032	.48407	1.02560	1.32904	1.36634	1.17653	.87725
1.542	-6.974	.61428	1.07108	.94852	.88079	.50682	.96865	1.32758	1.36448	1.15078	.85067
1.543	-5.972	.64029	1.08769	.96901	.90131	.53144	.92166	1.32887	1.36561	1.12579	.82422
1.543	-4.971	.67112	1.09327	.98851	.92257	.55367	.89063	1.32918	1.36589	1.10146	.79857
1.543	-3.969	.71176	1.08786	1.00734	.94470	.57568	.87738	1.32987	1.36664	1.07712	.77432
1.542	-2.968	.80483	1.05025	1.02494	.96783	.59846	.91653	1.32848	1.36526	1.05124	.74784
1.542	-1.960	.87244	1.06250	1.05944	.99760	.62250	.94347	1.32859	1.36544	1.02833	.72302
1.543	-.952	.91617	1.08635	1.09364	1.02563	.64770	.95570	1.32910	1.36598	1.00609	.69754
1.543	.164	.95476	1.12911	1.12903	1.05379	.67154	.95384	1.32579	1.36436	.97930	.67013
1.543	.983	.97691	1.20191	1.15248	1.07586	.69422	.94855	1.32188	1.36422	.95927	.65549
1.543	1.994	.98586	1.30377	1.17179	1.09743	.71959	.93019	1.31926	1.36377	.93476	.63561
GRADIENT		.04804	.02721	.02808	.02581	.02381	.00910	-.00138	-.00035	-.02376	-.02378

IA310 (AEDC 16TF-783) REPEAT RUNS

(RCM070) (03 OCT 91)

PARAMETRIC DATA

ALPHA = -4.000 PHI = 180.000

RUN NO. 1674/ 0		RN/L = 2.50		GRADIENT INTERVAL = -5.00/ 5.00		CPC5		CPC6		CPC2	
BETA	CPC1	CPC2	CPC3	CPC4	CPC5	CPC6	CPC2	CPC5	CPC6	CPC2	CPC5
MACH	CPB	CPB	CPB	CPB	CPB	CPB	CPB	CPB	CPB	CPB	CPB
.601	.70961	.74623	.58413	.17323	.89791	.90776	.75466	.94213	.75466	.41132	.94213
.601	.72314	.75995	.66188	.18050	.90773	.90820	.75597	.94195	.75597	.41532	.94195
.601	.73524	.77294	.67143	.18616	.91656	.91061	.75992	.94348	.75992	.41937	.94348
.601	.73990	.77056	.67504	.18897	.91724	.90970	.75822	.94182	.75822	.41764	.94182
.601	.74239	.77328	.67533	.19057	.91693	.91021	.75827	.94194	.75827	.41762	.94194
.600	.73973	.77432	.67523	.18694	.91648	.91101	.76155	.94219	.76155	.41926	.94219
.600	.73158	.77048	.66873	.18204	.91119	.91122	.76446	.94209	.76446	.41824	.94209
.600	.71996	.75720	.65977	.17783	.90063	.90177	.76657	.94057	.76657	.41665	.94057
.600	.70480	.74241	.64879	.17179	.88652	.90959	.76839	.93999	.76839	.41126	.93999
GRADIENT	-.00074	-.00052	-.00046	-.00047	-.00147	.00028	.00180	-.00027	.00180	.00004	-.00027

RUN NO. 1750/ 0		RN/L = 2.51		GRADIENT INTERVAL = -5.00/ 5.00		CPC5		CPC6		CPC2	
BETA	CPC1	CPC2	CPC3	CPC4	CPC5	CPC6	CPC2	CPC5	CPC6	CPC2	CPC5
MACH	CPB	CPB	CPB	CPB	CPB	CPB	CPB	CPB	CPB	CPB	CPB
.799	.79123	.82586	.66166	.23649	.96902	1.02250	.82421	1.08617	.82421	.47310	1.08617
.800	.80396	.83941	.67045	.24389	.97860	1.02159	.82637	1.08493	.82637	.47729	1.08493
.800	.81261	.84980	.67642	.24777	.98457	1.01992	.82797	1.08301	.82797	.47992	1.08301
.800	.81829	.84848	.68076	.25067	.98757	1.01872	.82853	1.08159	.82853	.48025	1.08159
.800	.82187	.85235	.68178	.25294	.98844	1.02021	.82919	1.08412	.82919	.48014	1.08412
.800	.81875	.85108	.68077	.25051	.98599	1.02113	.83064	1.08501	.83064	.48044	1.08501
.800	.81171	.84979	.67527	.24686	.98113	1.02074	.83328	1.08456	.83328	.47958	1.08456
.800	.80143	.83777	.66806	.24165	.97272	1.02054	.83595	1.08454	.83595	.47794	1.08454
.800	.78781	.82415	.65826	.23624	.96040	1.01926	.83762	1.08371	.83762	.47333	1.08371
GRADIENT	-.00046	-.00021	-.00044	-.00020	-.00110	-.00022	.00168	-.00009	.00168	.00003	-.00009

RUN NO. 1663/ 0		RN/L = 2.50		GRADIENT INTERVAL = -5.00/ 5.00		CPC5		CPC6		CPC2	
BETA	CPC1	CPC2	CPC3	CPC4	CPC5	CPC6	CPC2	CPC5	CPC6	CPC2	CPC5
MACH	CPB	CPB	CPB	CPB	CPB	CPB	CPB	CPB	CPB	CPB	CPB
.899	.85207	.88704	.72343	.30437	1.02356	1.09246	.88076	1.20333	.88076	.53420	1.20333
.900	.86422	.90006	.73216	.31277	1.03140	1.09362	.88219	1.20437	.88219	.53820	1.20437
.900	.87249	.90902	.73778	.31627	1.03296	1.09296	.88413	1.20380	.88413	.54081	1.20380
.900	.87802	.90804	.74180	.31889	1.04001	1.09335	.88450	1.20434	.88450	.54080	1.20434
.900	.87961	.91053	.74146	.32047	1.03880	1.09045	.88352	1.20346	.88352	.53973	1.20346
.900	.87699	.91026	.74051	.31792	1.03753	1.09133	.88589	1.20454	.88589	.54070	1.20454
.900	.87026	.90832	.73491	.31466	1.03260	1.09013	.88815	1.20350	.88815	.53973	1.20350
.900	.86109	.89780	.72808	.30973	1.02555	1.09004	.89103	1.20385	.89103	.53811	1.20385
.900	.84764	.88409	.71876	.30467	1.01334	1.08931	.89203	1.20360	.89203	.53345	1.20360
GRADIENT	-.00063	-.00027	-.00070	-.00024	-.00127	-.00054	.00144	-.00001	.00144	-.00010	-.00001

IA310 (AEDC 16TF-783) REPEAT RUNS

(RCM070) (03 OCT 91)

PARAMETRIC DATA

ALPHA = -4.000 PHI = 180.000

RUN NO. 1742/ O RN/L = 2.51 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CPB	CPC1	CPC2	CPC3	CPC01	CPU	CPC4	CPC5	CPC6	CPC02
1.100	-3.945	1.00153	1.03349	.94537	.88105	.50352	1.15263	1.13390	1.14520	1.02042	.70356
1.100	-2.928	1.01294	1.04583	.95445	.88945	.50883	1.16139	1.13484	1.14546	1.02281	.70769
1.099	-1.929	1.01904	1.05368	.95916	.89344	.51033	1.16573	1.13534	1.14484	1.02354	.70884
1.100	-941	1.02429	1.05305	.96364	.89728	.51324	1.16923	1.13698	1.14554	1.02478	.71029
1.100	.084	1.02508	1.05405	.96307	.89695	.51366	1.16946	1.13734	1.14463	1.02540	.71063
1.100	.958	1.02276	1.05446	.96295	.89596	.51194	1.16690	1.13812	1.14409	1.02638	.70997
1.100	1.961	1.01739	1.05265	.95848	.89168	.50955	1.16222	1.13833	1.14380	1.02818	.70890
1.100	2.955	1.00891	1.04316	.95261	.88598	.50631	1.15503	1.13855	1.14357	1.03008	.70672
1.100	3.979	.99802	1.03225	.94468	.87858	.50239	1.14478	1.13906	1.14380	1.03192	.70313
	GRADIENT	-.00054	-.00025	-.00019	-.00044	-.00026	-.00103	.00066	-.00025	.00134	-.00009

RUN NO. 1726/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CPB	CPC1	CPC2	CPC3	CPC01	CPU	CPC4	CPC5	CPC6	CPC02
1.250	-3.880	1.06824	1.10466	1.01359	.94772	.56743	1.22549	1.28815	1.33755	1.08741	.76827
1.250	-2.850	1.07825	1.11639	1.02191	.95535	.57243	1.23248	1.28849	1.33780	1.08895	.77108
1.250	-1.844	1.08504	1.12377	1.02792	.96028	.57590	1.23745	1.28831	1.33763	1.09031	.77296
1.250	-.837	1.08907	1.12244	1.03136	.96307	.57805	1.23966	1.28823	1.33756	1.09074	.77330
1.250	-.177	1.09091	1.12462	1.03126	.96276	.57920	1.23923	1.28589	1.33631	1.08928	.77157
1.250	.878	1.08884	1.12647	1.03152	.96240	.57744	1.23786	1.28544	1.33580	1.09156	.77219
1.250	1.874	1.08326	1.12341	1.02661	.95784	.57476	1.23352	1.28519	1.33571	1.09350	.77137
1.249	2.908	1.07573	1.11402	1.02090	.95233	.57148	1.22743	1.28467	1.33538	1.09647	.77045
1.249	3.911	1.06412	1.10228	1.01209	.94407	.56638	1.21676	1.28334	1.33436	1.09720	.76680
	GRADIENT	-.00052	-.00027	-.00023	-.00053	-.00019	-.00106	-.00068	-.00044	.00121	-.00021

RUN NO. 1718/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CPB	CPC1	CPC2	CPC3	CPC01	CPU	CPC4	CPC5	CPC6	CPC02
1.400	-3.892	1.08111	1.13468	1.03478	.96715	.58326	1.25510	1.25045	1.14556	1.11289	.78994
1.400	-2.866	1.09024	1.14639	1.04304	.97411	.58742	1.26219	1.25235	1.14643	1.11309	.79256
1.400	-1.858	1.09735	1.15407	1.04888	.97856	.59037	1.26726	1.25263	1.14574	1.11354	.79422
1.400	-.851	1.10105	1.15214	1.05254	.98178	.59271	1.26887	1.25343	1.14561	1.11387	.79480
1.400	-.163	1.10353	1.15556	1.05360	.98272	.59269	1.26867	1.25441	1.14507	1.11267	.79286
1.400	.886	1.10151	1.15877	1.05423	.98235	.59120	1.26722	1.25452	1.14418	1.11519	.79387
1.400	1.894	1.09611	1.15418	1.04996	.97860	.58878	1.26264	1.25339	1.14434	1.11724	.79272
1.399	2.898	1.08850	1.14609	1.04449	.97369	.58624	1.25641	1.25514	1.14357	1.11992	.79163
1.400	3.926	1.07850	1.13541	1.03642	.96560	.58212	1.24766	1.25542	1.14358	1.12151	.78869
	GRADIENT	-.00034	.00012	.00023	-.00014	-.00023	-.00102	.00060	-.00036	.00111	-.00020

IA310 (AEDC 16TF-783) REPEAT RUNS

(RCM070) (03 OCT 91)

PARAMETRIC DATA

ALPHA = -4.000 PHI = 180.000

RUN NO. 1708/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.450	-3.810	1.05803	1.13075	1.02865	.96110	.57411	1.24391	1.25614	1.20678	1.10936	.78831
1.450	-2.773	1.06851	1.14352	1.03809	.96833	.57920	1.25275	1.25765	1.20703	1.10985	.79200
1.450	-1.757	1.07429	1.15090	1.04348	.97231	.58163	1.25729	1.25780	1.20634	1.10931	.79284
1.450	-.740	1.07813	1.14923	1.04738	.97637	.58473	1.25861	1.25887	1.20668	1.11007	.79365
1.450	-.276	1.07814	1.15021	1.04617	.97543	.58930	1.25264	1.25893	1.20541	1.10705	.78959
1.450	.759	1.07603	1.15296	1.04732	.97550	.58778	1.25303	1.26048	1.20591	1.10977	.79083
1.450	1.776	1.06997	1.14811	1.04231	.97102	.58501	1.24972	1.26038	1.20525	1.11104	.78984
1.449	2.820	1.06175	1.13759	1.03524	.96491	.58138	1.24363	1.25967	1.20404	1.11264	.78752
1.450	3.841	1.05306	1.12743	1.02805	.95881	.57858	1.23529	1.26107	1.20508	1.11677	.78595
GRADIENT		-.00096	-.00064	-.00028	-.00044	.00056	-.00147	.00058	-.00033	.00077	-.00055

RUN NO. 1701/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.469	-3.822	1.03792	1.13185	1.02885	.96108	.57228	1.22786	1.25257	1.24492	1.10087	.78419
1.469	-2.791	1.04478	1.14311	1.03708	.96797	.57696	1.23209	1.25390	1.24528	1.10016	.78617
1.470	-1.772	1.04969	1.15011	1.04205	.97181	.58011	1.23476	1.25453	1.24499	1.09992	.78773
1.470	-.761	1.05265	1.14539	1.04424	.97455	.58228	1.23486	1.25501	1.24462	1.09936	.78700
1.470	-.253	1.04796	1.14555	1.04030	.97024	.58456	1.22962	1.25593	1.24419	1.09916	.78579
1.470	.800	1.04547	1.15011	1.04214	.97068	.58331	1.22872	1.25633	1.24398	1.10267	.78667
1.470	1.821	1.03968	1.14505	1.03727	.96608	.58027	1.22547	1.25672	1.24381	1.10560	.78631
1.469	2.820	1.03270	1.13538	1.03105	.96063	.57718	1.22072	1.25671	1.24335	1.10841	.78463
1.470	3.850	1.02416	1.12403	1.02276	.95332	.57359	1.21461	1.25727	1.24359	1.11164	.78303
GRADIENT		-.00211	-.00110	-.00097	-.00122	.00010	-.00198	.00058	-.00025	.00148	-.00022

RUN NO. 1694/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CPB	CPC1	CPC2	CPC3	CPO1	CPU	CPC4	CPC5	CPC6	CPO2
1.495	-3.837	.99567	1.12165	1.01813	.95072	.56691	1.19404	1.24906	1.28492	1.09288	.77985
1.495	-2.802	.99748	1.13328	1.02639	.95765	.57115	1.19421	1.24947	1.28439	1.09194	.78137
1.495	-1.786	.99984	1.14173	1.03245	.96250	.57425	1.19532	1.25002	1.28398	1.09167	.78234
1.495	-.778	.99993	1.13375	1.03281	.96480	.57626	1.19280	1.24996	1.28298	1.08992	.78114
1.495	-.240	.99655	1.13618	1.02997	.96007	.58026	1.18335	1.25065	1.28193	1.08901	.78114
1.495	.799	.99702	1.14144	1.03265	.96092	.57910	1.18581	1.25132	1.28195	1.09199	.78207
1.495	1.817	.99339	1.13837	1.02848	.95728	.57744	1.18397	1.25180	1.28183	1.09472	.78186
1.495	2.838	.98892	1.12677	1.02175	.95140	.57398	1.18152	1.25196	1.28158	1.09693	.77993
1.494	3.869	.98254	1.11401	1.01267	.94357	.56991	1.17673	1.25202	1.28142	1.10004	.77756
GRADIENT		-.00167	-.00092	-.00080	-.00110	.00049	-.00239	.00043	-.00049	.00093	-.00025

IA310 (AEDC 16TF-783) REPEAT RUNS

(RCM070) (03 OCT 91)

PARAMETRIC DATA

ALPHA = -4.000 PHI = 180.000

RUN NO. 1689/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CPB	CPC1	CPC2	CPC3	CPC01	CPU	CPC4	CPC5	CPC6	CP02
1.521	-3.833	.85137	1.12211	1.01523	.94946	.56873	1.07256	1.25183	1.31917	1.08702	.77678
1.521	-2.804	.83544	1.13666	1.02408	.95636	.57289	1.05720	1.26271	1.31922	1.08637	.77959
1.521	-1.786	.81983	1.13993	1.03067	.96131	.57555	1.04358	1.26342	1.31941	1.08558	.78092
1.520	-7.75	.80462	1.13413	1.02907	.96292	.57720	1.02808	1.26385	1.31911	1.08498	.78049
1.520	-2.41	.75299	1.13296	1.02345	.95550	.57801	.96643	1.26266	1.31686	1.08317	.78199
1.520	.809	.75109	1.13740	1.02859	.95830	.57740	.96927	1.26406	1.31774	1.08610	.78229
1.520	1.827	.75310	1.14088	1.02438	.95378	.57495	.97518	1.26418	1.31727	1.08836	.78083
1.520	2.854	.76782	1.12895	1.01652	.94718	.57154	.99285	1.26385	1.31672	1.09077	.77823
1.520	3.870	.77669	1.11403	1.00852	.94073	.56835	1.00299	1.26349	1.31615	1.09398	.77594
GRADIENT		-.01181	-.00091	-.00111	-.00144	-.00014	-.01136	.00021	-.00044	.00087	-.00012

RUN NO. 1682/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CPB	CPC1	CPC2	CPC3	CPC01	CPU	CPC4	CPC5	CPC6	CP02
1.543	-3.836	.66791	1.12711	1.00773	.93896	.56710	.85912	1.30274	1.35893	1.08232	.77279
1.543	-2.801	.67754	1.12246	1.01804	.94733	.57169	.86196	1.30240	1.35815	1.08139	.77433
1.543	-1.788	.69039	1.10258	1.01616	.95078	.57424	.86752	1.30191	1.35732	1.08061	.77558
1.544	-7.76	.70326	1.09836	1.00708	.94464	.57573	.87332	1.30247	1.35759	1.07993	.77696
1.543	-2.40	.72958	1.09046	1.00812	.94518	.57138	.88501	1.30044	1.35580	1.07316	.77367
1.543	.797	.72221	1.09354	1.01671	.95198	.57122	.88259	1.30162	1.35669	1.07776	.77511
1.544	1.818	.70588	1.11782	1.02660	.95347	.56827	.87586	1.30140	1.35634	1.08121	.77372
1.543	2.831	.68945	1.13977	1.02085	.94763	.56579	.86888	1.30148	1.35642	1.08517	.77246
1.544	3.870	.67270	1.13282	1.00994	.93964	.56287	.86234	1.30101	1.35617	1.08883	.77096
GRADIENT		.00161	.00189	.00083	.00027	-.00089	.00095	-.00020	-.00033	.00070	-.00032

IA310 (AEDC 16TF-783) REPEAT RUNS

(RCM071) (03 OCT 91)

PARAMETRIC DATA

ALPHA = .000 PHI = 180.000

RUN NO. 1675/ O		RN/L =		2.50		GRADIENT INTERVAL =		-5.00/		5.00		CPC6		CPC5		CPC6		CPC2	
BETA		CPC1		CPC2		CPC3		CPC1		CPU		CPC4		CPC5		CPC6		CPC2	
-3.993	.79888	.83350	.74889	.68241	.28352	.81787	.90995	.94065	.65276	.30019									
-2.974	.81341	.84849	.76085	.69271	.28985	.83189	.91127	.94226	.65800	.30616									
-1.969	.82152	.85687	.76754	.69924	.29472	.83977	.90987	.94094	.66072	.31042									
-.950	.82561	.86161	.77080	.70191	.29610	.84416	.90866	.93980	.66297	.31118									
-.173	.83041	.86725	.77684	.70764	.30231	.84310	.90863	.94038	.66139	.30782									
	.83776	.87550	.78697	.71842	.31592	.83021	.90715	.93974	.65065	.29428									
1.996	.82758	.86678	.77959	.71105	.31119	.82257	.90615	.93915	.65389	.29369									
3.003	.81688	.85703	.77216	.70370	.30715	.81151	.90558	.93919	.65489	.29056									
4.011	.80172	.84273	.76079	.69328	.30001	.79613	.90434	.93862	.65499	.28498									
GRADIENT	.00069	.00153	.00197	.00189	.00281	.00335	.00081	.00035	.00043	.00265									

RUN NO. 1751/ O RN/L = 2.51 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CPB	CPC1	CPC2	CPC3	CP01	CPU	CPC4	CPC5	CPC6	CP02
.799	-3.996	.87648	.91262	.82760	.75977	.34783	.89252	1.01526	1.08288	.72467	.36132
.800	-2.975	.88851	.92501	.83737	.76883	.35400	.90440	1.01442	1.08231	.72838	.36720
.800	-1.973	.89724	.93424	.84470	.77555	.35844	.91240	1.01364	1.08190	.73136	.37069
.800	-.960	.90164	.93982	.84916	.77945	.36159	.91786	1.01312	1.08168	.73465	.37308
.800	.100	.90773	.94704	.85703	.78760	.37125	.91218	1.01188	1.08161	.72863	.36295
.800	.982	.89901	.93922	.84876	.77876	.36125	.91539	1.01099	1.08247	.73860	.37204
.800	2.008	.89265	.93302	.84401	.77429	.35866	.90789	1.01010	1.08215	.73998	.37084
.800	3.009	.88318	.92413	.83743	.76769	.35491	.89691	1.00896	1.08199	.74011	.36704
.800	4.014	.87024	.91198	.82789	.75884	.34868	.88308	1.00773	1.08163	.74046	.36213
GRADIENT		-.00085	-.00011	.00002	-.00015	.00013	-.00118	-.00093	-.00008	.00199	.00003

RUN NO. 1664/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CPB	CPC1	CPC2	CPC3	CP01	CPU	CPC4	CPC5	CPC6	CP02
.900	-3.998	.93357	.96977	.88310	.81689	.41311	.94848	1.08573	1.20277	.78443	.42648
.900	-2.967	.94492	.98177	.89239	.82562	.41878	.95948	1.08656	1.20440	.78743	.43212
.900	-1.967	.95196	.98921	.89819	.83074	.42190	.96608	1.08555	1.20383	.78950	.43475
.900	-.957	.95594	.99433	.90227	.83448	.42440	.97084	1.08438	1.20318	.79228	.43645
.900	-.141	.95721	.99657	.90455	.83639	.42634	.96927	1.08325	1.20365	.79086	.43316
.900	.859	.96392	1.00432	.91411	.84677	.43954	.96006	1.08122	1.20321	.78352	.42300
.899	2.010	.95460	.99563	.90648	.83918	.43358	.95344	1.08077	1.20359	.78584	.42173
.900	3.016	.94560	.98719	.90001	.83250	.43029	.94406	1.07907	1.20258	.78694	.41969
.900	4.020	.93393	.97564	.89100	.82394	.42459	.93169	1.07888	1.20339	.78825	.41581
GRADIENT		.00023	.00099	.00134	.00126	.00196	-.00254	-.00104	-.00006	-.00003	-.00200

IA310 (AEDC 16TF-783) REPEAT RUNS

(RCM071) (03 OCT 91)

PARAMETRIC DATA

ALPHA = .000 PHI = 180.000

RUN NO. 1743/ 0 RN/L = 2.51 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CPB	CPC1	CPC2	CPC3	CPC1	CPU	CPC4	CPC5	CPC6	CP02
1.100	-3.997	1.07678	1.11094	1.03041	.96839	.60082	1.08518	1.13840	1.14273	.93176	.60528
1.100	-2.974	1.08760	1.12219	1.03931	.97619	.60580	1.09511	1.13898	1.14311	.93409	.60992
1.100	-1.972	1.09429	1.12922	1.04469	.98141	.60889	1.10180	1.13930	1.14317	.93684	.61335
1.100	-.972	1.09775	1.13379	1.04829	.98455	.61098	1.10671	1.13985	1.14351	.94023	.61567
1.100	.014	1.09738	1.13497	1.04983	.98613	.61255	1.10605	1.13926	1.14265	.94055	.61361
1.100	1.022	1.09388	1.13200	1.04670	.98264	.60956	1.10527	1.13920	1.14262	.94444	.61615
1.100	2.022	1.08957	1.12756	1.04391	.98014	.60898	1.109768	1.13909	1.14249	.94376	.61300
1.100	3.027	1.08188	1.12048	1.03820	.97449	.60539	1.08907	1.13878	1.14229	.94468	.61044
1.100	4.021	1.07068	1.10964	1.02990	.96671	.60128	1.07624	1.13740	1.14123	.94385	.60515
	GRADIENT	-.00091	-.00025	-.00014	-.00027	-.00001	-.00105	-.00009	-.00018	.00164	.00002

RUN NO. 1727/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CPB	CPC1	CPC2	CPC3	CPC1	CPU	CPC4	CPC5	CPC6	CP02
1.250	-3.998	1.14306	1.18144	1.09816	1.03469	.66283	1.15571	1.28140	1.33448	.99927	.67361
1.250	-2.968	1.15248	1.19148	1.10566	1.04094	.66667	1.16503	1.28047	1.33418	1.00063	.67753
1.250	-1.968	1.16013	1.19961	1.11222	1.04687	.67062	1.17206	1.28047	1.33457	1.00351	.68110
1.250	-.964	1.16262	1.20307	1.11508	1.04909	.67195	1.17521	1.27929	1.33391	1.00501	.68179
1.250	.099	1.16540	1.20744	1.11977	1.05387	.67774	1.17235	1.27820	1.33356	1.00279	.67648
1.250	1.046	1.15723	1.19930	1.11158	1.04542	.66894	1.17558	1.27682	1.33328	1.01160	.68503
1.250	2.021	1.15530	1.19764	1.11140	1.04575	.67092	1.16735	1.27586	1.33283	1.00884	.67946
1.250	3.018	1.14740	1.19011	1.10514	1.03943	.66667	1.15930	1.27522	1.33275	1.01008	.67693
1.250	4.018	1.13703	1.18022	1.09786	1.03265	.66284	1.14777	1.27427	1.33246	1.01044	.67286
	GRADIENT	-.00088	-.00025	-.00011	-.00029	-.00003	-.00095	-.00093	-.00027	.00150	-.00008

RUN NO. 1719/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CPB	CPC1	CPC2	CPC3	CPC1	CPU	CPC4	CPC5	CPC6	CP02
1.400	-4.003	1.16255	1.21792	1.12502	1.05749	.67914	1.17693	1.25588	1.14358	1.01772	.69199
1.400	-2.974	1.17141	1.22842	1.13265	1.06473	.68337	1.18508	1.25579	1.14335	1.01857	.69588
1.400	-1.969	1.17698	1.23484	1.13727	1.06850	.68554	1.19053	1.25528	1.14269	1.02024	.69784
1.400	-.964	1.18177	1.24027	1.14175	1.07235	.68767	1.19533	1.25617	1.14329	1.02237	.69837
1.400	.092	1.18334	1.24380	1.14559	1.07594	.69194	1.19161	1.25490	1.14188	1.01901	.69246
1.400	1.046	1.17533	1.23565	1.13808	1.06836	.68444	1.19486	1.25530	1.14226	1.02833	.70119
1.400	2.020	1.17345	1.23378	1.13760	1.06843	.68638	1.18627	1.25489	1.14187	1.02535	.69592
1.400	3.018	1.16711	1.22729	1.13285	1.06375	.68342	1.17909	1.25482	1.14191	1.02761	.69431
1.400	4.023	1.15721	1.21806	1.12666	1.05775	.68050	1.16779	1.25449	1.14176	1.02846	.69096
	GRADIENT	-.00077	-.00013	.00009	-.00008	.00008	-.00104	-.00017	-.00024	.00143	-.00016

IA310 (AEDC 16TF-783) REPEAT RUNS

(RCM071) (03 OCT 91)

PARAMETRIC DATA

ALPHA = .000 PHI = 180.000

RUN NO. 1709/ 0		RN/L =		2.50		GRADIENT INTERVAL =		-5.00/		5.00					
MACH	BETA	CPB	CPC1	CPC2	CPC3	CP01	CPU	CPC4	CPC5	CPC6	CP02				
1.450	-3.994	1.14305	1.21723	1.12119	1.05381	.67203	1.16247	1.26030	1.20392	1.01232	.69062				
1.450	-2.963	1.15065	1.22819	1.13000	1.06132	.67611	1.16961	1.26117	1.20455	1.01322	.69428				
1.450	-1.954	1.15568	1.23501	1.13400	1.06406	.67817	1.17404	1.26178	1.20493	1.01465	.69530				
1.450	-.942	1.16128	1.24227	1.13932	1.06830	.68033	1.18026	1.26099	1.20395	1.01644	.69557				
1.449	-.165	1.16110	1.24150	1.13988	1.06959	.68562	1.17522	1.25967	1.20228	1.01396	.69100				
1.450	.966	1.16796	1.24919	1.14815	1.07716	.69219	1.16789	1.26041	1.20303	1.00638	.68242				
1.451	2.005	1.16060	1.24244	1.14469	1.07474	.69175	1.16077	1.26064	1.20342	1.00760	.68164				
1.450	3.013	1.15273	1.23247	1.13672	1.06752	.68805	1.15259	1.25952	1.20246	1.00910	.67911				
1.450	4.015	1.14391	1.22346	1.13055	1.06153	.68507	1.14221	1.25923	1.20262	1.00985	.67549				
GRADIENT		.00042	.00097	.00145	.00132	.00211	-.00288	-.00020	-.00025	-.00078	-.00245				

RUN NO. 1702/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

RUN NO. 1702/ O		RN/L = 2.50		GRADIENT INTERVAL = -5.00/ 5.00		CPU		CPC4		CPC5		CPC6		CPC02	
MACH	BETA	CPB	CPC1	CPC2	CPC3	CPC01	CPU	CPC4	CPC5	CPC6	CPC02				
1.470	-3.992	1.12027	1.21456	1.11820	1.05169	.66881	1.14007	1.25728	1.24325	1.00435	.68673				
1.470	-2.968	1.12493	1.22368	1.12484	1.05702	.67234	1.14512	1.25755	1.24324	1.00459	.69043				
1.470	-1.960	1.12674	1.23041	1.12970	1.06100	.67502	1.14647	1.25758	1.24313	1.00600	.69256				
1.470	-.946	1.12701	1.23159	1.13163	1.06274	.67656	1.14720	1.25718	1.24262	1.00756	.69202				
1.470	-.153	1.12909	1.23329	1.13133	1.06233	.68076	1.14458	1.25671	1.24156	1.00753	.68790				
1.470	.969	1.13366	1.23933	1.13944	1.07043	.68918	1.13468	1.25603	1.24104	1.00022	.67997				
1.470	2.006	1.13168	1.23530	1.13603	1.06731	.68836	1.13258	1.25608	1.24130	1.00263	.67908				
1.470	3.013	1.12793	1.22866	1.13086	1.06224	.68474	1.12822	1.25543	1.24078	1.00392	.67632				
1.470	4.015	1.12033	1.21857	1.12404	1.05580	.68071	1.12014	1.25483	1.24059	1.00485	.67314				
GRADIENT		.00042	.00079	.00103	.00087	.00206	-.00286	-.00034	-.00039	-.00024	-.00227				

RUN NO. 1695/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

RUN NO. 1695/ O		RN/L = 2.50		GRADIENT INTERVAL = -5.00/ 5.00		CPU		CPC4		CPC5		CPC6		CPC02	
MACH	BETA	CPB	CPC1	CPC2	CPC3	CPC01	CPU	CPC4	CPC5	CPC6	CPC02				
1.494	-3.993	1.07300	1.20586	1.10867	1.04255	.66347	1.09476	1.25308	1.28220	.99751	.68401				
1.495	-2.965	1.07211	1.21510	1.11532	1.04790	.66773	1.09391	1.25287	1.28176	.99797	.68761				
1.495	-1.964	1.06951	1.22050	1.11852	1.05026	.66944	1.09117	1.25194	1.28064	.99804	.68853				
1.495	-.951	1.06762	1.22296	1.12115	1.05247	.67126	1.08962	1.25227	1.28091	.99880	.68812				
1.495	-.146	1.07017	1.22753	1.12453	1.05536	.67552	1.08493	1.25176	1.28001	.99852	.68414				
1.495	.974	1.07727	1.23266	1.13204	1.06317	.68537	1.07778	1.25059	1.27896	.98976	.67578				
1.495	2.008	1.07629	1.22843	1.12933	1.06064	.68350	1.07726	1.25066	1.27924	.99176	.67431				
1.495	3.014	1.07796	1.22201	1.12538	1.05698	.68153	1.07780	1.24988	1.27873	.99499	.67312				
1.495	4.021	1.07551	1.21193	1.11803	1.05022	.67798	1.07509	1.24936	1.27866	.99648	.66996				
GRADIENT		.00085	.00115	.00166	.00148	.00236	-.00278	-.00047	-.00047	-.00058	-.00235				

IA310 (AEDC 16TF-783) REPEAT RUNS

(RCMO71) (03 OCT 91)

PARAMETRIC DATA

ALPHA = .000 PHI = 180.000

RUN NO. 1690/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CPB	CPC1	CPC2	CPC3	CPC01	CPU	CPC4	CPC5	CPC6	CP02
1.521	-3.999	.88443	1.20325	1.10407	1.03891	.66291	.90738	1.26485	1.31769	.98972	.68173
1.520	-2.965	.84540	1.21310	1.10871	1.04233	.66508	.86838	1.26307	1.31584	.98882	.68365
1.521	-1.963	.82899	1.22261	1.11435	1.04709	.66875	.84897	1.26337	1.31610	.99072	.68553
1.521	-.950	.98880	1.18675	1.12090	1.05067	.67026	1.00070	1.26356	1.31615	.99356	.68425
1.520	-.145	1.04149	1.17805	1.12448	1.05223	.67149	1.04598	1.26227	1.31410	.99367	.68285
1.521	.973	.86679	1.23567	1.12774	1.05837	.68006	.86091	1.26168	1.31397	.98132	.67393
1.521	2.008	.84235	1.22714	1.12344	1.05555	.67964	.84072	1.26166	1.31424	.98365	.67329
1.521	3.015	.85992	1.21664	1.11709	1.04982	.67655	.86078	1.26049	1.31351	.98636	.67125
1.520	4.021	.89345	1.20598	1.11049	1.04410	.67330	.89566	1.25939	1.31286	.98858	.66868
	GRADIENT	-.00061	.00139	.00124	.00112	.00179	-.00410	-.00058	-.00054	-.00065	-.00208

RUN NO. 1683/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CPB	CPC1	CPC2	CPC3	CPC01	CPU	CPC4	CPC5	CPC6	CP02
1.544	-3.994	.81192	1.23124	1.10113	1.03294	.65851	.81429	1.30072	1.35649	.98310	.67755
1.544	-2.970	.90152	1.18119	1.11511	1.04098	.66142	.90857	1.30008	1.35586	.98489	.68047
1.543	-1.963	.93046	1.13352	1.11848	1.04478	.66390	.94006	1.29941	1.35507	.98606	.68112
1.544	-.955	.94556	1.11591	1.11913	1.04667	.66576	.95705	1.29927	1.35521	.98784	.68016
1.544	.100	.94693	1.11578	1.12345	1.04996	.66924	.95735	1.28991	1.35234	.98606	.67560
1.544	.984	.93479	1.12075	1.11906	1.04513	.66212	.94938	1.28943	1.35228	.98982	.68144
1.544	2.015	.91118	1.16619	1.12015	1.04461	.66274	.92336	1.28941	1.35234	.98848	.67798
1.544	3.013	.86863	1.23396	1.11259	1.03860	.65926	.87883	1.28860	1.35155	.98926	.67578
1.543	4.013	.77780	1.22192	1.09911	1.03060	.65548	.78615	1.28839	1.35169	.98884	.67298
	GRADIENT	-.00464	.00310	-.00019	-.00029	-.00040	-.00395	-.00190	-.00068	.00071	-.00063

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF

(SCM001) (03 OCT 91)

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 1102/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
.599	-8.006	.70066	.75577	.68009	.62334	.24636	.70934	.75470	.69239	.63970	.25129
.599	-6.998	.73097	.78345	.70222	.64097	.25881	.73979	.78277	.71409	.65654	.26568
.600	-6.001	.75627	.80601	.71982	.65578	.26921	.76416	.80616	.73218	.66996	.27508
.599	-4.998	.77867	.82528	.73475	.66882	.27810	.78491	.82542	.74732	.68142	.28398
.599	-3.995	.79775	.84289	.74623	.68016	.28598	.80288	.84327	.76138	.69232	.29172
.600	-3.002	.80968	.85259	.75546	.68294	.29113	.81530	.85457	.77078	.69933	.29730
.600	-1.999	.82050	.86240	.76230	.68819	.29621	.82702	.86588	.78037	.70573	.30220
.600	-.995	.82546	.86750	.76524	.69157	.29874	.83268	.87282	.78592	.70967	.30540
.600	.009	.82727	.86848	.76616	.69238	.29887	.83493	.87496	.78787	.71105	.30557
.600	1.003	.82404	.86524	.76469	.69046	.29790	.83121	.87195	.78599	.70972	.30465
.600	2.001	.81813	.85985	.76158	.68775	.29591	.82408	.86662	.78243	.70752	.30336
.600	3.011	.80738	.84942	.75541	.68421	.29158	.81137	.85464	.77262	.69915	.29741
.600	4.005	.79308	.83706	.74673	.67873	.28594	.79708	.84306	.76392	.69182	.29335
.600	4.999	.77441	.81894	.73282	.66709	.27772	.77863	.82517	.75044	.68044	.28632
.600	6.003	.75092	.79804	.71653	.65319	.26794	.75568	.80506	.73551	.66872	.27713
.600	6.998	.72429	.77312	.69704	.63678	.25627	.72844	.78017	.71705	.65386	.26582
.600	7.996	.69337	.74469	.67471	.61789	.24378	.69654	.75131	.69531	.63599	.25283
GRADIENT		-.00048	-.00065	-.00009	-.00011	-.00002	-.00067	-.00001	.00032	-.00003	.00018

RUN NO. 1109/ 0 RN/L = 3.76 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
.800	-8.000	.78854	.84125	.76306	.70365	.31406	.79630	.83929	.77401	.71952	.33207
.800	-6.987	.81501	.86603	.78250	.72013	.32540	.82249	.86470	.79369	.73439	.33507
.800	-5.995	.83801	.88724	.79919	.73428	.33486	.84426	.88595	.81015	.74654	.33777
.800	-4.981	.85830	.90572	.81364	.74627	.34341	.86288	.90418	.82483	.75778	.34650
.800	-3.994	.87413	.91984	.81884	.75106	.34954	.87775	.91883	.83676	.76638	.35277
.800	-2.997	.88661	.93105	.83064	.75726	.35541	.89065	.93194	.84756	.77364	.35907
.800	-1.993	.89426	.93835	.83538	.76185	.35872	.89892	.94005	.85406	.77770	.36220
.800	-.989	.90081	.94440	.84062	.76681	.36271	.90654	.94802	.86042	.78278	.36651
.800	.014	.90094	.94448	.84096	.76675	.36243	.90660	.94882	.86112	.78316	.36622
.800	1.003	.89799	.94152	.83898	.76483	.36129	.90249	.94590	.85926	.78163	.36500
.800	2.006	.89347	.93618	.83595	.76193	.35957	.89691	.94011	.85566	.77928	.36327
.800	3.005	.88403	.92680	.83001	.75688	.35566	.88620	.93042	.84797	.77359	.35898
.799	4.004	.87120	.91493	.82321	.75289	.34956	.87338	.91848	.83834	.76539	.35282
.800	5.003	.85273	.89786	.81033	.74342	.34227	.85465	.90169	.82544	.75436	.34708
.800	6.002	.83282	.87886	.79552	.73405	.33405	.83419	.88297	.81136	.74321	.33695
.800	7.012	.81010	.85776	.77917	.71766	.32441	.81077	.86150	.79571	.73096	.33162
.800	8.001	.78348	.83230	.75960	.70119	.31344	.78441	.83611	.77686	.71586	.33448
GRADIENT		.00140	.00101	.00122	.00080	.00077	.00119	.00163	.00156	.00097	.00079

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF

(SCMO01) (03 OCT 91)

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 1118/ 0 RN/L = 3.89 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
.900	-8.002	.84858	.89998	.82216	.76328	.38057	.85612	.89801	.83320	.77902	.38366
.900	-6.993	.87449	.92455	.84197	.78012	.39207	.88181	.92325	.85308	.79429	.39528
.900	-5.994	.89703	.94542	.85853	.79410	.40168	.90302	.94411	.86935	.80658	.40463
.900	-4.990	.91547	.96238	.87106	.80403	.40903	.91990	.96096	.88262	.81660	.41219
.900	-3.991	.93123	.97646	.87702	.80914	.41575	.93460	.97576	.89501	.82522	.41897
.900	-2.976	.94218	.98636	.88694	.81469	.42016	.94602	.98699	.90422	.83094	.42355
.900	-1.994	.94888	.99311	.89152	.81929	.42391	.95379	.99486	.91058	.83528	.42740
.900	-.999	.95386	.99817	.89580	.82303	.42639	.95955	1.00145	.91566	.83910	.43012
.900	.020	.95442	.99866	.89648	.82332	.42659	.96002	1.00266	.91669	.83988	.43039
.900	1.003	.95294	.99630	.89513	.82200	.42583	.95714	1.00012	.91521	.83879	.42931
.900	2.007	.94720	.99036	.89113	.81837	.42346	.95039	.99379	.91108	.83574	.42695
.900	3.011	.93890	.98194	.88606	.81355	.41993	.94113	.98534	.90456	.83098	.42323
.900	4.007	.92768	.97145	.88026	.81148	.41592	.92986	.97506	.89641	.82450	.41888
.899	5.006	.91097	.95557	.86883	.80257	.40813	.91311	.95963	.88409	.81410	.41307
.899	6.007	.89206	.93768	.85488	.79119	.39997	.89371	.94174	.87089	.80364	.40341
.900	7.002	.86986	.91657	.83842	.77733	.39057	.87128	.92057	.85528	.79123	.39460
.900	8.008	.84510	.89278	.81994	.76185	.38029	.84646	.89662	.83734	.77688	.38477
GRADIENT		.00122	.00091	.00108	.00076	.00069	.00102	.00149	.00146	.00089	.00069

RUN NO. 1147/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.099	-7.994	1.00176	1.04823	.97637	.92043	.57064	1.00581	1.04379	.98264	.93009	.57194
1.100	-6.977	1.02524	1.07038	.99398	.93556	.58058	1.02905	1.06665	1.00042	.94361	.58200
1.100	-5.998	1.04463	1.08869	1.00868	.94767	.58857	1.04751	1.08512	1.01482	.95460	.59022
1.100	-4.975	1.03075	1.07335	.99004	.92726	.56505	1.03179	1.07014	.99663	.93343	.56659
1.100	-3.975	1.07346	1.11540	1.02809	.96450	.60039	1.07455	1.11279	1.03684	.97117	.60188
GRADIENT		.04271	.04206	.03806	.03725	.03535	.04276	.04266	.04023	.03775	.03529

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF

(SCMO01) (03 OCT 91)

PARAMETRIC DATA

RUN NO. 1159/ 0		RN/L = 2.99		GRADIENT INTERVAL = -5.00/ 5.00		BETA =		.000 PHI =		.000	
MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CPO4
1.250	-7.997	1.07392	1.12449	1.04805	.98980	.63661	1.07943	1.12122	1.05625	1.00104	.64013
1.250	-6.985	1.09498	1.14444	1.06384	1.00314	.64526	1.10018	1.14185	1.07183	1.01243	.64869
1.250	-5.989	1.11313	1.16199	1.07762	1.01446	.65293	1.11736	1.15909	1.08547	1.02278	.65611
1.250	-4.990	1.12841	1.17645	1.08860	1.02339	.65940	1.13133	1.17390	1.09714	1.03160	.66235
1.249	-3.978	1.14173	1.18853	1.09520	1.03013	.66474	1.14394	1.18668	1.10708	1.03919	.66755
1.250	-2.987	1.15092	1.19717	1.10358	1.03298	.66890	1.15350	1.19643	1.11476	1.04484	.67170
1.250	-1.988	1.15697	1.20334	1.10736	1.03634	.67207	1.16041	1.20371	1.12084	1.04878	.67508
1.250	-.985	1.16042	1.20725	1.11041	1.03932	.67416	1.16428	1.20836	1.12459	1.05126	.67714
1.250	.029	1.16209	1.20868	1.11186	1.04048	.67494	1.16528	1.20987	1.12597	1.05215	.67789
1.250	1.019	1.16074	1.20673	1.11077	1.03912	.67411	1.16289	1.20842	1.12523	1.05168	.67725
1.250	2.017	1.15596	1.20136	1.10744	1.03622	.67205	1.15760	1.20320	1.12170	1.04931	.67529
1.251	3.012	1.14835	1.19357	1.10306	1.03346	.66932	1.14997	1.19579	1.11614	1.04485	.67251
1.250	3.971	1.13752	1.18309	1.09597	1.02907	.66483	1.13915	1.18501	1.10877	1.03840	.66801
	GRADIENT	.00102	.00079	.00093	.00061	.00063	.00087	.00136	.00133	.00081	.00068

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF

(SCMO02) (03 OCT 91)

PARAMETRIC DATA

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
.599	-8.006	.70018	.75518	.67957	.62174	.24603	.70871	.75396	.69155	.63883	.25049
.599	-6.994	.72978	.78188	.70043	.63954	.25803	.73816	.78100	.71233	.65493	.26453
.599	-5.996	.75696	.80651	.72024	.65635	.26974	.76428	.80595	.73186	.66973	.27476
.599	-4.999	.77889	.82563	.73539	.66930	.27922	.78448	.82514	.74715	.68133	.28439
.599	-4.000	.79827	.84298	.74692	.68065	.28692	.80250	.84292	.76118	.69209	.29190
.600	-3.003	.81001	.85293	.75590	.68335	.29169	.81490	.85425	.77049	.69886	.29670
.600	-2.001	.82047	.86241	.76228	.68202	.29610	.82661	.86567	.78027	.70542	.30174
.600	-1.000	.82663	.86813	.76593	.69232	.29942	.83285	.87260	.78568	.70929	.30486
.600	0.014	.82660	.86796	.76595	.69220	.29926	.83363	.87386	.78668	.70997	.30517
.600	1.002	.82430	.86575	.76514	.69114	.29852	.83112	.87214	.78612	.70992	.30494
.601	2.001	.81781	.85899	.76070	.68698	.29558	.82331	.86527	.78106	.70627	.30249
.601	3.005	.80712	.84887	.75493	.68372	.29072	.81156	.85481	.77292	.69929	.29758
.601	4.010	.79155	.83485	.74493	.67702	.28491	.79554	.84080	.76201	.68994	.29249
.601	5.004	.77386	.81845	.73234	.66647	.27740	.77797	.82493	.75011	.68039	.28615
.600	6.003	.75107	.79793	.71651	.65313	.26802	.75491	.80426	.73451	.66774	.27622
.599	6.997	.72512	.77429	.69814	.63791	.25728	.72856	.78085	.71751	.65441	.26637
.600	7.997	.69345	.74446	.67458	.61772	.24408	.69636	.75078	.69477	.63553	.25276
	GRADIENT	.00137	.00099	.00106	.00072	.00063	.00133	.00182	.00174	.00108	.00092

BETA =
5.00

RUN NO. 1103/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/

RUN NO. 1111/ 0 RN/L = 3.76 GRADIENT INTERVAL = -5.00/

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
.800	-8.005	.78876	.84157	.76333	.70370	.31517	.79496	.83812	.77267	.71830	.33373
.800	-6.986	.81521	.86643	.78285	.72025	.32624	.82139	.86377	.79269	.73334	.33291
.800	-5.995	.83913	.88839	.80030	.73506	.33620	.84418	.88611	.81008	.74643	.33765
.800	-5.003	.85861	.90623	.81401	.74653	.34422	.86228	.90366	.82426	.75723	.34617
.800	-3.989	.87531	.92111	.81991	.75188	.35097	.87823	.91971	.83748	.76712	.35357
.800	-2.997	.88808	.93222	.83171	.75803	.35679	.89134	.93249	.84800	.77401	.35972
.800	-1.999	.89568	.93972	.83672	.76288	.36031	.90005	.94117	.85518	.77878	.36363
.800	0.025	.90129	.94494	.84107	.76705	.36379	.90640	.94795	.86036	.78274	.36677
.799	1.008	.90142	.94567	.84199	.76761	.36418	.90670	.94939	.86171	.78378	.36740
.799	2.007	.89352	.93655	.83626	.76485	.36181	.90316	.94640	.85972	.78217	.36570
.800	3.005	.88428	.92728	.83030	.76186	.36011	.89675	.94035	.85592	.77954	.36367
.800	4.020	.87031	.91413	.82243	.75196	.35023	.87286	.91814	.83815	.76550	.35983
.800	5.003	.85358	.89875	.81085	.74381	.34317	.85594	.90288	.82660	.75558	.35397
.799	6.018	.83315	.87934	.79583	.73138	.33414	.83544	.88420	.81255	.74444	.33815
.799	7.002	.80712	.85504	.77635	.71465	.32238	.80890	.85971	.79409	.72946	.33188
.800	7.995	.78267	.83188	.75888	.70004	.31271	.78435	.83648	.77713	.71620	.33441
	GRADIENT	-.00064	-.00087	.00005	-.00012	-.00013	-.00075	-.00022	.00009	-.00008	.00002

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF (SCM002) (03 OCT 91)

PARAMETRIC DATA

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CP04
1.099	-8.010	1.00104	1.04733	.97564	.91962	.56970	1.00515	1.04314	.98186	.92938	.57119
1.100	-6.971	1.02572	1.07093	.99444	.93587	.58095	1.02962	1.06718	1.00107	.94411	.58228
1.100	-5.993	1.04408	1.08830	1.00792	.94718	.58803	1.04728	1.08467	1.01457	.95419	.58952
1.100	-4.996	1.05978	1.10276	1.01946	.95679	.59454	1.06166	1.09956	1.02611	.96285	.59610
1.100	-3.973	1.07291	1.11491	1.02768	.96395	.59384	1.07402	1.11242	1.03639	.97066	.60139
1.100	-2.982	1.08320	1.12432	1.03576	.96805	.60500	1.08338	1.12161	1.04354	.97597	.60489
1.100	-2.001	1.09029	1.13102	1.04049	.97105	.60775	1.09198	1.13059	1.05125	.98125	.60897
1.100	-	1.09423	1.13519	1.04291	.97379	.61009	1.09565	1.13488	1.05450	.98325	.61033
1.100	.003	1.09511	1.13591	1.04364	.97436	.61046	1.09636	1.13610	1.05562	.98398	.61079
1.100	1.004	1.09326	1.13362	1.04268	.97319	.60966	1.09396	1.13414	1.05464	.98334	.61050
1.099	2.015	1.08767	1.12772	1.03891	.96984	.60584	1.08736	1.12797	1.04996	.97949	.60734
1.100	3.022	1.08059	1.12054	1.03457	.96734	.60413	1.08025	1.12144	1.04492	.97535	.60485
1.099	4.009	1.06889	1.10935	1.02657	.96238	.59392	1.06887	1.11103	1.03668	.96826	.60001
1.100	5.026	1.05591	1.09676	1.01686	.95472	.59378	1.05553	1.09844	1.02753	.96102	.59484
1.100	6.005	1.03927	1.08077	1.00440	.94409	.58656	1.03832	1.08219	1.01552	.95137	.58783
1.100	7.008	1.02012	1.06191	.99015	.93201	.57886	1.01886	1.06344	1.00129	.93999	.57997
1.100	8.009	.99850	1.04066	.97351	.91799	.56966	.99695	1.04232	.98535	.92711	.57068
1.099	GRADIENT	.00102	.00075	.00082	.00054	.00051	.00082	.00127	.00120	.00064	.00046

BETA =

.000 PHI =

.000

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF

(SCMO03) (03 OCT 91)

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 1108/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
.599	-8.006	.69914	.75429	.67896	.62131	.2524	.70947	.75451	.69218	.63959	.25163
.600	-6.993	.72882	.78121	.70039	.63962	.24826	.73925	.78184	.71344	.65601	.26588
.600	-5.996	.75576	.80504	.71922	.65546	.26874	.76432	.80569	.73185	.66974	.27508
.599	-5.004	.77928	.82613	.73574	.66982	.27800	.78643	.82722	.74908	.68311	.28475
.600	-3.995	.79689	.84147	.74524	.67935	.28546	.80310	.84309	.76157	.69246	.29231
.600	-2.997	.80996	.85312	.75633	.68365	.29105	.81570	.85523	.77121	.69959	.29710
.600	-2.004	.82047	.86227	.76248	.68846	.29576	.82683	.86607	.78060	.70568	.30182
.600	-1.000	.82657	.86782	.76594	.69242	.29884	.83331	.87263	.78564	.70927	.30445
.600	.009	.82687	.86815	.76645	.69278	.29910	.83458	.87465	.78753	.71060	.30540
.601	1.002	.82423	.86527	.76522	.69144	.29866	.83113	.87178	.78575	.70955	.30481
.601	2.001	.81828	.85959	.76152	.68784	.29548	.82371	.86565	.78126	.70634	.30171
.601	3.000	.80749	.84939	.75570	.68462	.29133	.81176	.85487	.77288	.69926	.29726
.601	4.005	.79275	.83576	.74595	.67822	.28529	.79671	.84177	.76276	.69055	.29230
.601	5.004	.77369	.81822	.73262	.66712	.27774	.77755	.82420	.74950	.67958	.28554
.601	6.008	.75107	.79770	.71672	.65373	.26857	.75448	.80327	.73365	.66691	.27551
.600	6.997	.72395	.77287	.69719	.63728	.25692	.72699	.77867	.71553	.65235	.26485
.600	8.002	.69395	.74507	.67554	.61898	.24334	.69598	.75041	.69431	.63501	.25167
	GRADIENT	-.00051	-.00070	-.00003	-.00006	-.00001	-.00076	-.00014	.00019	-.00012	.00001

RUN NO. 1112/ 0 RN/L = 3.75 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
.800	-8.005	.78715	.84035	.76193	.70242	.31349	.79464	.83822	.77309	.71867	.31652
.800	-6.992	.81610	.86773	.78388	.72164	.32718	.82306	.86593	.79470	.73538	.32944
.800	-5.995	.83874	.88820	.80000	.73495	.33580	.84473	.88662	.81075	.74702	.33828
.800	-4.982	.85970	.90702	.81466	.74711	.34454	.86411	.90550	.82589	.75880	.34744
.800	-3.983	.87539	.92121	.81980	.75182	.35094	.87853	.92013	.83780	.76725	.35372
.799	-2.996	.88677	.93113	.83056	.75694	.35561	.89031	.93152	.84710	.77296	.35849
.800	-1.993	.89622	.94047	.83698	.76344	.36074	.90064	.94188	.85596	.77927	.36381
.800	-1.000	.89963	.94371	.83974	.76596	.36271	.90499	.94694	.85947	.78171	.36582
.800	.015	.90150	.94528	.84165	.76750	.36400	.90685	.94940	.86174	.78366	.36717
.800	1.013	.89897	.94235	.83967	.76542	.36245	.90316	.94637	.85984	.78205	.36546
.800	2.006	.89510	.93838	.83779	.76356	.36158	.89808	.94182	.85740	.78071	.36446
.799	3.004	.88444	.92740	.83020	.75704	.35651	.88612	.93071	.84824	.77374	.35918
.800	4.010	.87090	.91482	.82304	.75279	.35106	.87252	.91836	.83826	.76545	.35368
.800	5.003	.85525	.90048	.81254	.74563	.34503	.85678	.90400	.82750	.75641	.34933
.800	6.002	.83469	.88075	.79717	.73282	.33547	.83600	.88466	.81291	.74460	.33814
.800	7.012	.80889	.85680	.77803	.71657	.32415	.80976	.86041	.79458	.72997	.32765
.800	8.000	.78232	.83159	.75862	.69982	.31236	.78288	.83500	.77564	.71471	.31671
	GRADIENT	.00131	.00095	.00118	.00078	.00081	.00107	.00156	.00151	.00093	.00079

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF (SCMO03) (03 OCT 91)

PARAMETRIC DATA

MACH		ALPHA		CPR		CPC7		CPC8		CPC9		CPO3		CPL		CPC10		CPC11		CPC12		CPO4	
1.099	-7.994	1.00208	1.04837	.97665	.92071	.57078	1.00616	1.04415	.98273	.93029	.57208												
1.100	-6.988	1.02528	1.07049	.99420	.93569	.58083	1.02922	1.06676	1.00061	.94393	.58213												
1.100	-5.988	1.04428	1.08861	1.00823	.94747	.58856	1.04754	1.08484	1.01466	.95442	.58978												
1.100	-4.990	1.06030	1.10329	1.01995	.95734	.59499	1.06229	1.10005	1.02656	.96328	.59632												
1.100	-3.991	1.07302	1.11506	1.02806	.96428	.60040	1.07423	1.11248	1.03648	.97089	.60177												
1.100	-2.980	1.08279	1.12400	1.03543	.96768	.60449	1.08440	1.12264	1.04453	.97710	.60573												
1.100	-1.980	1.09037	1.13129	1.04062	.97141	.60823	1.09165	1.13024	1.05066	.98085	.60848												
1.100	-.993	1.09370	1.13489	1.04266	.97381	.61005	1.09529	1.13445	1.05410	.98283	.60992												
1.099	.021	1.09499	1.13580	1.04353	.97441	.61019	1.09616	1.13585	1.05529	.98368	.61028												
1.100	.990	1.09303	1.13331	1.04241	.97310	.60950	1.09378	1.13405	1.05448	.98325	.61036												
1.100	2.010	1.08808	1.12840	1.03949	.97049	.60765	1.08802	1.12852	1.05034	.98013	.60787												
1.100	3.016	1.08063	1.12078	1.03480	.96794	.60471	1.08000	1.12099	1.04436	.97496	.60445												
1.100	4.019	1.06951	1.11012	1.02746	.96348	.60019	1.06875	1.11071	1.03636	.96802	.59973												
1.100	5.014	1.05653	1.09762	1.01762	.95568	.59473	1.05529	1.09825	1.02724	.96078	.59415												
1.099	6.010	1.03989	1.08145	1.00505	.94487	.58729	1.03892	1.08274	1.01591	.95192	.58817												
1.100	7.007	1.02051	1.06238	.99054	.93251	.57928	1.01927	1.06379	1.00150	.94043	.58027												
1.100	8.004	.99850	1.04091	.97369	.91832	.56983	.99704	1.04219	.98517	.92712	.57051												
1.099	GRADIENT	.00104	.00079	.00085	.00061	.00059	.00075	.00120	.00112	.00057	.00040												

BETA =

.000 PHI =

.000

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF

(SCM004) (03 OCT 91)

PARAMETRIC DATA

MACH	ALPHA	RUN NO. 1116/ 0		RN/L =	3.76	GRADIENT INTERVAL = -5.00/ 5.00		CPL	CPC10	CPC11	CPC12	.000	PHI	=	.000
		CPR	CPC7			CPC8	CPC9								
.800	-8.006	.78808	.84124	.76285	.70352	.31504	.79409	.83761	.77231	.71779					
.800	-6.987	.81548	.86700	.78346	.72080	.32557	.82151	.86424	.79320	.73395					.31563
.800	-5.995	.83900	.88843	.80022	.73518	.33669	.84427	.88601	.81038	.74672					.32788
.800	-4.992	.85990	.90760	.81523	.74789	.34552	.86334	.90513	.82562	.75866					.33815
.800	-3.994	.87501	.92103	.81981	.75132	.35144	.87763	.91900	.83679	.76661					.34717
.800	-2.997	.88711	.93176	.83110	.75759	.35683	.89048	.93173	.84748	.77350					.35335
.800	-1.988	.89603	.93997	.83672	.76321	.36099	.90058	.94142	.85557	.77899					.35935
.800	-.984	.90024	.94445	.84053	.76657	.36350	.90535	.94740	.85998	.78232					.36380
.800	.014	.90163	.94553	.84182	.76751	.36420	.90730	.94967	.86217	.78418					.36623
.800	1.008	.89940	.94287	.84019	.76577	.36311	.90387	.94716	.86071	.78311					.36660
.800	2.017	.89439	.93760	.83706	.76279	.36152	.89778	.94126	.85697	.78060					.36481
.800	3.016	.88343	.92687	.82972	.75631	.35590	.88615	.93075	.84848	.77395					.35950
.800	4.004	.87064	.91481	.82286	.75225	.35059	.87336	.91899	.83901	.76639					.35436
.800	5.003	.85326	.89841	.81033	.74346	.34301	.85610	.90308	.82674	.75591					.34899
.800	6.002	.83401	.88049	.79670	.73220	.33520	.83661	.88556	.81408	.74587					.33969
.799	7.001	.80865	.85633	.77764	.71597	.32328	.81056	.86133	.79569	.73098					.32819
.800	8.000	.78172	.83127	.75793	.69934	.31185	.78372	.83613	.77671	.71581					.31764
	GRADIENT	.00124	.00088	.00109	.00066	.00066	.00120	.00166	.00162	.00104					.00080

TA310 (AFDC 16TF-783) FLOW ANGULARITIES-FAIR OFF (SCM005) (03 OCT 91)

PARAMETRIC DATA

$$\text{BETA} = .000 \quad \text{PHI} = 180.000$$

RUN NO.	1105/ 0	RN/L =	3.20	GRADIENT INTERVAL =	-5.00/ 5.00
---------	---------	--------	------	---------------------	-------------

[illegible]

RUN NO.	1115/ 0	RN/L =	3.75	GRADIENT INTERVAL =	-5.00/ 5.00
---------	---------	--------	------	---------------------	-------------

[illegible]

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF

(SCM005) (03 OCT 91)

PARAMETRIC DATA

MACH		ALPHA		CPR		CPC7		CPC8		CPC9		CPC3		CPL		CPC10		CPC11		CPC12		CPC4	
.900		7.993		.85247		.90009		.82694		.76864		.38685		.84518		.89532		.83472		.77361		.37922	
.900		6.979		.87846		.92498		.84638		.87119		.39824		.78030		.92030		.85363		.78879		.38988	
.900		5.991		.90018		.94523		.86241		.79878		.40800		.89371		.94105		.86912		.80116		.39906	
.900		4.998		.91782		.96235		.87567		.80957		.41553		.91291		.95899		.88237		.81174		.40769	
.900		3.993		.93206		.97584		.88501		.81410		.42132		.92829		.97271		.89302		.82045		.41213	
.900		2.990		.94534		.98845		.89294		.82040		.42752		.94081		.98400		.90212		.82769		.41776	
.900		1.996		.95337		.99670		.89756		.82517		.43055		.94821		.99112		.90755		.83150		.42106	
.900		.991		.95854		1.00207		.90121		.82826		.43272		.95296		.99566		.91015		.83328		.42293	
.900		.017		.96013		1.00439		.90260		.82969		.43344		.95436		.99729		.91094		.83399		.42343	
.900		-1.006		.95834		1.00291		.90134		.82885		.43292		.95334		.99542		.90945		.83270		.42258	
.900		-2.004		.95249		.99724		.89672		.82471		.43012		.94863		.98951		.90487		.82928		.41978	
.900		-3.009		.94383		.98864		.89087		.81899		.42651		.94021		.98060		.89745		.82461		.41611	
.900		-4.009		.93248		.97825		.88070		.81530		.42190		.92861		.96913		.88788		.81854		.41139	
.899		-5.014		.91693		.96423		.87412		.80843		.41504		.91259		.95372		.87548		.80977		.40385	
.899		-6.009		.89838		.94720		.86116		.79757		.40740		.89451		.93606		.86143		.79881		.39585	
.900		-7.005		.87599		.92650		.84483		.78369		.39828		.87268		.91458		.84469		.78622		.38665	
.900		-8.005		.85158		.90328		.82641		.76818		.38775		.84796		.89043		.82565		.77176		.37576	
.900		GRADIENT		.00000		.00000		.00000		.00000		.00000		.00000		.00000		.00000		.00000		.00000	

BETA = .000 PHI = 180.000

RUN NO. 1119/ 0 RN/L = 3.89 GRADIENT INTERVAL = -5.00/ 5.00

MACH		ALPHA		CPR		CPC7		CPC8		CPC9		CPC3		CPL		CPC10		CPC11		CPC12		CPC4	
1.100	7.987	1.00372	1.04609	.97844	.92277	.57382	.99766	1.04316	.98565	.92728	.56910												
1.100	6.992	1.02594	1.06766	.99530	.93702	.58325	1.02063	1.06526	1.00216	.94055	.57864												
1.100	5.981	1.04491	1.08621	1.00946	.94897	.59137	1.04042	1.08410	1.01632	.95168	.58666												
1.100	4.999	1.06004	1.10100	1.02098	.95877	.59774	1.05677	1.09933	1.02751	.96049	.59369												
1.100	3.995	1.07313	1.11374	1.03077	.96648	.60342	1.07046	1.11211	1.03702	.96810	.59837												
1.100	2.990	1.08312	1.12346	1.03723	.97018	.60740	1.08008	1.12101	1.04386	.97405	.60221												
1.099	1.989	1.08986	1.13020	1.04097	.97209	.60925	1.08782	1.12812	1.04955	.97895	.60584												
1.100	.990	1.09572	1.13623	1.04515	.97577	.61195	1.09338	1.13361	1.05356	.98206	.60848												
1.100	-.025	1.09672	1.13763	1.04541	.97628	.61253	1.09461	1.13442	1.05375	.98208	.60860												
1.100	-.994	1.09536	1.13644	1.04457	.97573	.61231	1.09358	1.13275	1.05226	.98107	.60788												
1.100	-2.012	1.08959	1.13057	1.04049	.97159	.60938	1.08879	1.12584	1.04742	.97786	.60541												
1.099	-3.007	1.08201	1.12344	1.03538	.96864	.60607	1.08134	1.11933	1.04124	.97390	.60242												
1.099	-4.016	1.07176	1.11417	1.02826	.96415	.60178	1.07049	1.10849	1.03250	.96722	.59756												
1.099	-5.006	1.05882	1.10234	1.01977	.95763	.59680	1.05733	1.09510	1.02186	.95873	.59147												
1.100	-6.007	1.04231	1.08661	1.00706	.94685	.58972	1.04202	1.07954	1.00989	.94989	.58529												
1.100	-7.008	1.02322	1.06806	.99267	.93426	.58143	1.02311	1.06078	.99518	.93900	.57752												
1.100	-8.005	1.00159	1.04763	.97623	.92044	.57208	1.00163	1.03958	.97884	.92666	.56867												
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000												

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF

(SCMO05) (03 OCT 91)

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 1161/ O RN/L = 2.99 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CP03	CPL	CPC10	CPC11	CPC12	CP04
1.250	7.989	1.07666	1.12312	1.05089	.99307	.64206	1.06954	1.11942	1.05801	.99682	.63532
1.250	6.983	1.09784	1.14350	1.06668	1.00634	.65087	1.09104	1.14023	1.07325	1.00879	.64387
1.249	5.992	1.11464	1.15995	1.07926	1.01674	.65757	1.10904	1.15720	1.08570	1.01845	.65060
1.250	4.988	1.12971	1.17550	1.09120	1.02574	.66443	1.12555	1.17305	1.09760	1.02782	.65756
1.250	3.993	1.14223	1.18789	1.10021	1.03319	.66972	1.13895	1.18555	1.10713	1.03596	.66307
1.250	2.981	1.15269	1.19785	1.10687	1.03684	.67398	1.14911	1.19476	1.11408	1.04186	.66732
1.250	1.992	1.15940	1.20487	1.11101	1.04011	.67731	1.15522	1.20074	1.11859	1.04557	.67035
1.250	.988	1.16428	1.21004	1.11435	1.04315	.67955	1.15982	1.20540	1.12190	1.04809	.67269
1.250	-.014	1.16553	1.21164	1.11502	1.04390	.68000	1.16169	1.20701	1.12281	1.04879	.67313
1.250	-1.015	1.16471	1.21114	1.11461	1.04365	.67975	1.16181	1.20618	1.12194	1.04834	.67286
1.250	-2.013	1.15927	1.20599	1.11090	1.04009	.67732	1.15704	1.20059	1.11769	1.04536	.67029
1.250	-3.008	1.15203	1.19864	1.10622	1.03688	.67414	1.14943	1.19233	1.11099	1.04129	.66717
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF

(SCMO06) (03 OCT 91)

PARAMETRIC DATA

ALPHA = .000 PHI = 90.000

RUN NO. 1106/ O RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CPR	CPC7	CPC8	CPC9	CP03	CPL	CPC10	CPC11	CPC12	CP04
.599	-3.996	.74394	.77968	.66900	.59150	.19041	.90635	.94591	.86885	.79944	.41121
.600	-2.990	.76733	.80345	.69550	.61887	.21978	.88745	.92758	.84786	.77667	.38317
.599	-1.995	.79068	.82934	.72287	.64682	.24725	.86924	.90982	.82760	.75427	.35494
.600	-.996	.81126	.85175	.74746	.67298	.27634	.84891	.88918	.80427	.72891	.32630
.600	.010	.83236	.87384	.77295	.69935	.30572	.82830	.86857	.78080	.70361	.29792
.600	1.007	.85383	.89489	.79819	.72515	.33425	.80782	.84678	.75713	.67820	.26940
.600	1.997	.87194	.91298	.82085	.75001	.36157	.78424	.82153	.73118	.65122	.24008
.601	2.992	.89095	.93130	.84344	.77580	.38939	.76146	.79603	.70566	.62480	.21180
.601	3.989	.90913	.94864	.86467	.79954	.41748	.73707	.77094	.67712	.59602	.18247
	GRADIENT	.02066	.02121	.02461	.02608	.02845	-.02115	-.02194	-.02394	-.02549	-.02866

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF

(SCMO06) (03 OCT 91)

PARAMETRIC DATA

ALPHA = .000 PHI = 90.000

RUN NO. 1113/ 0 RN/L = 3.75 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CP04
.800	-3.992	.82068	.85863	.74629	.66736	.25269	.97657	1.01891	.94132	.87170	.47314
.800	-2.987	.84426	.88221	.77233	.69473	.28285	.95932	1.00216	.92205	.85017	.44586
.800	-1.977	.86647	.90739	.79925	.72268	.31244	.94105	.98420	.90139	.82705	.41769
.800	-.989	.88550	.92838	.82228	.74712	.34037	.92122	.96431	.87892	.80215	.38899
.800	.016	.90580	.94956	.84636	.77228	.36890	.90194	.94430	.85603	.77762	.36046
.799	1.001	.92535	.96871	.86940	.79603	.39640	.88134	.92287	.83244	.75245	.33168
.800	2.003	.94524	.98862	.89394	.82118	.42549	.86043	.89940	.80814	.72705	.30282
.800	3.002	.96346	1.00662	.91700	.84685	.45324	.83839	.87450	.78294	.70072	.27377
.800	3.990	.98257	1.02511	.93980	.87293	.48276	.81696	.85251	.75772	.67480	.24601
	GRADIENT	.02010	.02076	.02414	.02548	.02864	-.02009	-.02105	-.02314	-.02482	-.02861

RUN NO. 1120/ 0 RN/L = 3.89 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CP04
.900	-3.986	.87879	.91631	.80560	.72813	.32151	1.02833	1.07046	.99442	.92563	.53373
.900	-2.981	.90058	.93857	.83077	.75441	.34975	1.01171	1.05441	.97568	.90484	.50750
.900	-1.982	.92084	.96180	.85549	.78003	.37705	.99347	1.03645	.95524	.88176	.47941
.900	-.983	.94014	.98309	.87879	.80450	.40452	.97449	1.01712	.93325	.85752	.45106
.900	.012	.95916	1.00343	.90171	.82859	.43207	.95531	.99790	.91142	.83426	.42404
.899	1.002	.97841	1.02237	.92443	.85221	.45932	.93589	.97758	.88886	.81025	.39665
.899	1.998	.99718	1.04075	.94703	.87539	.48653	.91572	.95490	.86551	.78554	.36864
.900	3.003	1.01471	1.05812	.96966	.89998	.51364	.89528	.93139	.84180	.76108	.34164
.900	3.993	1.03288	1.07570	.99147	.92509	.54157	.87395	.90328	.81680	.73489	.31348
	GRADIENT	.01922	.01995	.02322	.02446	.02751	-.01941	-.02034	-.02234	-.02397	-.02766

RUN NO. 1151/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CP04
1.100	-3.983	1.02468	1.05871	.95994	.88795	.51382	1.16009	1.20000	1.12894	1.06372	.70581
1.100	-2.982	1.04278	1.07804	.98160	.90996	.53786	1.14319	1.18356	1.11000	1.04336	.68086
1.100	-1.980	1.06217	1.09894	1.00336	.93218	.56319	1.12715	1.16756	1.09137	1.02313	.65623
1.100	-.995	1.08005	1.11948	1.02485	.95485	.58808	1.11080	1.15088	1.07209	1.00189	.63148
1.100	.021	1.09763	1.13841	1.04624	.97700	.61294	1.09349	1.13312	1.05217	.98034	.60690
1.100	1.005	1.11480	1.15545	1.06695	.99856	.63743	1.07613	1.11455	1.03196	.95901	.58251
1.100	2.016	1.13083	1.17195	1.08796	1.02166	.66192	1.05825	1.09362	1.01052	.93611	.55722
1.100	3.005	1.14632	1.18759	1.10701	1.04338	.68609	1.03985	1.07309	.98858	.91353	.53328
1.100	4.001	1.16247	1.20274	1.12541	1.06380	.71053	1.02001	1.05273	.96528	.88893	.50788
	GRADIENT	.01726	.01815	.02086	.02215	.02468	-.01741	-.01844	-.02038	-.02180	-.02473

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF

(SCM006) (03 OCT 91)

PARAMETRIC DATA

ALPHA = .000 PHI = 90.000

RUN NO. 1162/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.250	-3.987	1.09183	1.13153	1.02837	.95447	.58226	1.22975	1.27428	1.19892	1.13104	.76765
1.250	-2.967	1.11178	1.15239	1.05082	.97721	.60732	1.21340	1.25779	1.18010	1.11104	.74371
1.250	-1.988	1.12952	1.17295	1.07253	.99950	.63083	1.19594	1.24089	1.16124	1.09062	.71971
1.250	-.984	1.14817	1.19342	1.09452	1.02255	.65589	1.17880	1.22397	1.14206	1.06938	.69595
1.250	0.2	1.16644	1.21240	1.11591	1.04475	.68004	1.16152	1.20696	1.12212	1.04761	.67211
1.250	1.007	1.18362	1.22958	1.13591	1.06528	.70304	1.14340	1.18720	1.10072	1.02479	.64786
1.250	2.002	1.20121	1.24756	1.15810	1.08844	.72715	1.12543	1.16641	1.07935	1.00268	.62380
1.250	3.003	1.21687	1.26333	1.17838	1.11150	.75064	1.10648	1.14468	1.05742	.98005	.59985
GRADIENT		.01794	.01895	.02147	.02238	.02410	-.01764	-.01841	-.02024	-.02170	-.02404

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF

(SCM007) (03 OCT 91)

PARAMETRIC DATA

ALPHA = .000 PHI = -90.000

RUN NO. 1107/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
.599	4.032	.90646	.94651	.86175	.79627	.41272	.74312	.77758	.68253	.60109	.18621
.600	3.022	.88725	.92805	.83988	.77206	.38528	.76611	.80158	.70781	.62767	.21509
.600	1.999	.86799	.90959	.81720	.74638	.35740	.78925	.82612	.73493	.65553	.24403
.600	1.003	.84795	.88922	.79165	.71853	.32791	.81065	.84981	.76046	.68188	.27303
.600	-.010	.82869	.86991	.76811	.69421	.30074	.83218	.87238	.78496	.70804	.30208
.600	-1.008	.80698	.84689	.74245	.66791	.27213	.85188	.89184	.80724	.73241	.33022
.601	-2.016	.78489	.82294	.71756	.64179	.24394	.87132	.91109	.82921	.75625	.35865
.601	-3.016	.76233	.79892	.69016	.61384	.21564	.89102	.93028	.85071	.77955	.38659
.601	-4.033	.73788	.77309	.66261	.58552	.18606	.90949	.94832	.87180	.80259	.41523
GRADIENT		.02079	.02146	.02473	.02611	.02811	-.02062	-.02120	-.02352	-.02505	-.02842

RUN NO. 1114/ 0 RN/L = 3.75 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
.800	4.024	.97807	1.02075	.93462	.86764	.47718	.82091	.85744	.76087	.67781	.24939
.800	3.019	.96021	1.00374	.91367	.84300	.44987	.84330	.88100	.78642	.70457	.27851
.800	1.997	.94165	.98543	.89090	.81792	.42174	.86525	.90466	.81261	.73201	.30782
.800	1.001	.92212	.96583	.86566	.79228	.39234	.88548	.92758	.83738	.75763	.33654
.800	-.016	.90270	.94645	.84236	.76818	.36492	.90576	.94830	.86061	.78261	.36554
.800	-1.009	.88204	.92466	.81796	.74278	.33618	.92528	.96799	.88297	.80668	.39372
.799	-2.016	.86143	.90224	.79471	.71789	.30784	.94474	.98738	.90484	.83071	.42211
.800	-3.022	.83889	.87766	.76808	.69017	.27904	.96232	1.00421	.92449	.85293	.45003
.800	-4.020	.81790	.85519	.74188	.66329	.25059	.98239	1.02376	.94672	.87718	.47955
GRADIENT		.01997	.02068	.02400	.02528	.02822	-.01992	-.02057	-.02300	-.02468	-.02852

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF

(SCMO07) (03 OCT 91)

PARAMETRIC DATA

MACH		BETA		RUN NO. 1121/ 0		RN/L = 3.89		GRADIENT INTERVAL = -5.00/ 5.00		ALPHA =		.000 PHI = -90.000	
				CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
.900	4.024	1.02916	1.07221	.98728	.92074	.53702	.87789	.91469	.82013	.73806	.31752		
.900	3.019	1.01270	1.05641	.96738	.89730	.51079	.90006	.93772	.84482	.76454	.34569		
.900	1.997	.99381	1.03792	.94361	.87191	.48257	.91983	.95937	.86910	.78964	.37271		
.900	.996	.97467	1.01864	.92002	.84756	.45472	.93948	.98115	.89285	.81425	.40092		
.900	.017	.95626	1.00026	.89767	.82439	.42800	.95935	1.00175	.91560	.83870	.42891		
.900	-1.009	.93656	.97958	.87464	.80032	.40077	.97819	1.02068	.93724	.86181	.45608		
.900	-2.027	.91597	.95680	.85097	.77528	.37237	.99677	1.03935	.95827	.88515	.48360		
.900	-3.018	.89548	.93482	.82708	.75023	.34504	1.01414	1.05648	.97782	.90708	.51015		
.899	-4.023	.87421	.91216	.80047	.72307	.31724	1.03182	1.07366	.99798	.92939	.53781		
	GRADIENT	.01931	.01999	.02318	.02440	.02735	-.01907	-.01975	-.02209	-.02372	-.02736		

MACH		BETA		RUN NO. 1152/ 0		RN/L = 3.00		GRADIENT INTERVAL = -5.00/ 5.00					
				CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.100	4.020	1.16083	1.20114	1.12321	1.06130	.70759	1.02365	1.05665	.96926	.89296	.51165		
1.100	2.996	1.14411	1.18524	1.10404	1.04003	.68264	1.04283	1.07640	.99158	.91635	.53525		
1.100	1.984	1.12776	1.16890	1.08426	1.01749	.65789	1.06167	1.09769	1.01413	.93988	.56109		
1.100	.996	1.11182	1.15263	1.06326	.99476	.63357	1.07992	1.11840	1.03583	.96279	.58635		
1.100	-.016	1.09398	1.13464	1.04196	.97275	.60889	1.09684	1.13648	1.05578	.98401	.61055		
1.100	-1.001	1.07679	1.11602	1.02131	.95123	.58478	1.11343	1.15351	1.07506	1.00505	.63468		
1.099	-2.017	1.05871	1.09519	.99973	.92849	.55918	1.12922	1.16954	1.09368	1.02555	.63883		
1.100	-3.025	1.04021	1.07548	.97857	.90677	.53500	1.14513	1.18568	1.11259	1.04603	.68377		
1.099	-4.035	1.02067	1.05432	.95510	.88239	.50993	1.16167	1.20146	1.13075	1.06589	.70870		
	GRADIENT	.01734	.01826	.02090	.02218	.02455	-.01705	-.01801	-.02003	-.02147	-.02446		

MACH		BETA		RUN NO. 1163/ 0		RN/L = 3.00		GRADIENT INTERVAL = -5.00/ 5.00					
				CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.250	4.024	1.23049	1.27572	1.19280	1.12792	.76939	1.09089	1.12946	1.03870	.96039	.57964		
1.250	2.996	1.21332	1.25882	1.17276	1.10586	.74528	1.11032	1.15008	1.06118	.98392	.60443		
1.250	1.998	1.19683	1.24282	1.15323	1.08373	.72224	1.12896	1.17114	1.08414	1.00766	.62880		
1.250	.993	1.17970	1.22624	1.13256	1.06174	.69841	1.14786	1.19203	1.10635	1.03104	.65379		
1.250	-.018	1.16218	1.20887	1.11107	1.03926	.67428	1.16545	1.20990	1.12601	1.05227	.67717		
1.250	-1.013	1.14462	1.18965	1.08947	1.01704	.65081	1.18373	1.22849	1.14629	1.07388	.70160		
1.249	-2.031	1.12573	1.16827	1.06741	.99435	.62601	1.20056	1.24609	1.16634	1.09565	.72540		
1.250	-3.021	1.10671	1.14689	1.04554	.97191	.60162	1.21584	1.26113	1.18419	1.11516	.74830		
	GRADIENT	.01750	.01812	.02095	.02216	.02378	-.01784	-.01884	-.02072	-.02204	-.02399		

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF

(SCM008) (03 OCT 91)

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 1123/ 0		RN/L = 3.89		GRADIENT INTERVAL = -5.00/ 5.00		CPL		CPC10		CPC11		CPC12		CPO4	
CPR		CPC7		CPC8		CPC9		CPO3		CPC10		CPC11		CPC12	
MACH	ALPHA														
.920	.010	.96698	1.01078	.90967	.83694	.44339	.97226	1.01472	.85290	.44679					
.920	-4.029	.94323	.98832	.88958	.82204	.43178	.94673	.98747	.83805	.43509					
	GRADIENT	.00588	.00556	.00497	.00369	.00287	.00632	.00674	.00367	.00290					
RUN NO. 1128/ 0		RN/L = 3.88		GRADIENT INTERVAL = -5.00/ 5.00		CPL		CPC10		CPC11		CPC12		CPO4	
CPR		CPC7		CPC8		CPC9		CPO3		CPC10		CPC11		CPC12	
MACH	ALPHA														
.950	.010	.98627	1.02950	.92963	.85779	.46916	.99158	1.03348	.87372	.47275					
.949	-4.031	.96207	1.00663	.90914	.84254	.45720	.96566	1.00623	.85848	.46074					
	GRADIENT	.00599	.00566	.00507	.00377	.00296	.00641	.00674	.00377	.00297					
RUN NO. 1134/ 0		RN/L = 3.86		GRADIENT INTERVAL = -5.00/ 5.00		CPL		CPC10		CPC11		CPC12		CPO4	
CPR		CPC7		CPC8		CPC9		CPO3		CPC10		CPC11		CPC12	
MACH	ALPHA														
.980	.008	1.00746	1.05083	.95144	.88011	.49656	1.01215	1.05391	.89578	.49943					
.980	-4.035	.98418	1.02864	.93173	.86576	.48548	.98721	1.02741	.88122	.48838					
	GRADIENT	.00576	.00549	.00488	.00355	.00274	.00617	.00656	.00360	.00273					
RUN NO. 1139/ 0		RN/L = 3.77		GRADIENT INTERVAL = -5.00/ 5.00		CPL		CPC10		CPC11		CPC12		CPO4	
CPR		CPC7		CPC8		CPC9		CPO3		CPC10		CPC11		CPC12	
MACH	ALPHA														
1.050	.029	1.05695	1.09881	1.00312	.93296	.56134	1.06074	1.10125	.94668	.56346					
1.050	-4.030	1.03464	1.07763	.98402	.92005	.55040	1.03725	1.07626	.93329	.55323					
	GRADIENT	.00550	.00522	.00471	.00318	.00270	.00579	.00616	.00330	.00252					
RUN NO. 1154/ 0		RN/L = 3.00		GRADIENT INTERVAL = -5.00/ 5.00		CPL		CPC10		CPC11		CPC12		CPO4	
CPR		CPC7		CPC8		CPC9		CPO3		CPC10		CPC11		CPC12	
MACH	ALPHA														
1.150	.012	1.12094	1.16276	1.06932	.99958	.63517	1.12364	1.16486	.63771	.62819					
1.150	-4.038	1.09941	1.14238	1.05363	.98977	.62561	1.10125	1.14064	.99787	.62819					
	GRADIENT	.00532	.00503	.00387	.00242	.00236	.00553	.00598	.00488	.00235					

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF

(SCMO09) (03 OCT 91)

PARAMETRIC DATA

BETA = .000 PHI = 180.000

MACH .920 .920	ALPHA -.007 4.032 GRADIENT	CPR .97228 .94501 -.00675	CPC7 1.01599 .98859 -.00678	CPC8 .91537 .89858 -.00416	CPC9 .84293 .82827 -.00363	CPO3 .44985 .43849 -.00281	CPL .96633 .94072 -.00634	CPC10 1.00903 .98488 -.00598	CPC11 .92332 .90569 -.00436	CPC12 .84655 .83372 -.00318	CPO4 .43960 .42879 -.00268
	RUN NO. 1129/ O										
	ALPHA -.013 4.038 GRADIENT	CPR .99207 .96478 -.00674	CPC7 1.03545 1.00780 -.00683	CPC8 .93593 .91885 -.00422	CPC9 .86412 .84962 -.00358	CPO3 .47588 .46462 -.00278	CPL .98625 .96003 -.00647	CPC10 1.02856 1.00402 -.00606	CPC11 .94382 .92561 -.00450	CPC12 .86784 .85419 -.00337	CPO4 .46593 .45475 -.00276
	RUN NO. 1135/ O										
	ALPHA -.011 4.047 GRADIENT	CPR 1.01256 .98591 -.00657	CPC7 1.05585 1.02869 -.00669	CPC8 .95683 .94014 -.00411	CPC9 .88564 .87113 -.00358	CPO3 .50289 .49160 -.00278	CPL 1.00717 .98206 -.00619	CPC10 1.04915 1.02523 -.00589	CPC11 .96513 .94774 -.00429	CPC12 .89034 .87702 -.00328	CPO4 .49343 .48271 -.00264
MACH 1.050 1.050	ALPHA -.004 4.044 GRADIENT	CPR 1.06101 1.03598 -.00619	CPC7 1.10272 1.07747 -.00624	CPC8 1.00735 .99199 -.00379	CPC9 .93725 .92489 -.00305	CPO3 .56612 .55631 -.00242	CPL 1.05624 1.03116 -.00620	CPC10 1.09689 1.07332 -.00582	CPC11 1.01524 .99783 -.00430	CPC12 .94183 .92843 -.00331	CPO4 .55791 .54673 -.00276
	RUN NO. 1155/ O										
	ALPHA -.014 4.042 GRADIENT	CPR 1.12418 1.10012 -.00593	CPC7 1.16613 1.14185 -.00599	CPC8 1.07338 1.05803 -.00379	CPC9 1.00349 .99295 -.00260	CPO3 1.12031 .63012 -.00234	CPL 1.16125 1.09627 -.00593	CPC10 1.07976 1.06321 -.00544	CPC11 1.00743 1.03219 -.00408	CPC12 1.00743 .99385 -.00335	CPO4 .63295 .62328 -.00239

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF

(SCMO10) (03 OCT 91)

PARAMETRIC DATA

ALPHA = .000 PHI = 90.000

RUN NO. 1125/ 0		RN/L = 3.88		GRADIENT INTERVAL = -5.00/ 5.00		CPL		CPC10		CPC11		CPC12		CPO4	
CPR		CPC8		CPC9		CPO3		CPC10		CPC11		CPC12		CPO4	
MACH .920 .920	BETA	1.00867	1.05202	.95895	.88788	.50198	.92847	.96767	.87877	.79939	.38617				
	-2.017	.93258	.97324	.86791	.79389	.39310	1.00541	1.04832	.96775	.89466	.49580				
	GRADIENT	.01899	.01966	.02272	.02370	.02717	-.01920	-.02012	-.02220	-.02377	-.02736				
RUN NO. 1130/ 0		RN/L = 3.88		GRADIENT INTERVAL = -5.00/ 5.00		CPL		CPC10		CPC11		CPC12		CPO4	
CPR		CPC8		CPC9		CPO3		CPC10		CPC11		CPC12		CPO4	
MACH .950 .950	BETA	1.02676	1.06974	.97774	.90727	.52633	.94927	.98807	.90027	.82164	.41437				
	-2.024	.95147	.99152	.88742	.81338	.41893	1.02365	1.06606	.98654	.91431	.52072				
	GRADIENT	.01898	.01972	.02277	.02367	.02708	-.01875	-.01966	-.02175	-.02336	-.02681				
RUN NO. 1136/ 0		RN/L = 3.86		GRADIENT INTERVAL = -5.00/ 5.00		CPL		CPC10		CPC11		CPC12		CPO4	
CPR		CPC8		CPC9		CPO3		CPC10		CPC11		CPC12		CPO4	
MACH .980 .980	BETA	1.04770	1.09090	.99928	.92930	.55335	.97013	1.00857	.92166	.84415	.44161				
	-2.024	.97325	1.01359	.91003	.83631	.44759	1.04419	1.08650	1.00762	.93652	.54789				
	GRADIENT	.01856	.01927	.02224	.02318	.02636	-.01846	-.01942	-.02142	-.02302	-.02649				
RUN NO. 1141/ 0		RN/L = 3.77		GRADIENT INTERVAL = -5.00/ 5.00		CPL		CPC10		CPC11		CPC12		CPO4	
CPR		CPC8		CPC9		CPO3		CPC10		CPC11		CPC12		CPO4	
MACH 1.050 1.050	BETA	1.09512	1.13660	1.04861	.97988	.61494	1.02069	1.05792	.97335	.89718	.50800				
	-2.021	1.02368	1.06223	.96267	.89008	.51304	1.09198	1.13298	1.05619	.98615	.60980				
	GRADIENT	.01781	.01855	.02143	.02239	.02541	-.01778	-.01872	-.02066	-.02219	-.02538				
RUN NO. 1156/ 0		RN/L = 3.00		GRADIENT INTERVAL = -5.00/ 5.00		CPL		CPC10		CPC11		CPC12		CPO4	
CPR		CPC8		CPC9		CPO3		CPC10		CPC11		CPC12		CPO4	
MACH 1.150 1.150	BETA	1.15687	1.19925	1.11391	1.04674	.68702	1.08465	1.12165	1.03768	.96264	.58359				
	-2.018	1.08877	1.12697	1.02988	.95848	.58921	1.15475	1.19607	1.11908	1.05018	.68195				
	GRADIENT	.01698	.01803	.02096	.02201	.02439	-.01748	-.01856	-.02030	-.02183	-.02453				

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF

(SCM011) (03 OCT 91)

PARAMETRIC DATA

ALPHA = .000 PHI = -90.000

RUN NO. 1126/ 0		RN/L = 3.88		GRADIENT INTERVAL = -5.00/ 5.00		CPL		CPC10		CPC11		CPC12		CPO4	
CPR		CPC7		CPC8		CPC9		CPO3		CPC10		CPC11		CPC12	
MACH .920 .920	BETA	.92898	.96937	.86456	.38983	.78950	1.00850	.105074		.97025		.80733		.49911	
	GRADIENT	1.00612	1.04988	.95653	.49910	.88547	.93193	.97099		.88142		.80226		.38888	
		.01908	.01992	.02276	.02374	.02704	-.01894	-.01973		-.02198		-.02352		-.02727	
RUN NO. 1131/ 0		RN/L = 3.88		GRADIENT INTERVAL = -5.00/ 5.00		CPL		CPC10		CPC11		CPC12		CPO4	
CPR		CPC7		CPC8		CPC9		CPO3		CPC10		CPC11		CPC12	
MACH .950 .950	BETA	.94883	.98879	.88518	.41681	.81112	1.02695	1.06875		.98931		.91723		.52408	
	GRADIENT	1.02512	1.06853	.97636	.52479	.90593	.95158	.99043		.90190		.82350		.41589	
		.01887	.01972	.02255	.02670	.02344	-.01864	-.01937		-.02161		-.02318		-.02675	
RUN NO. 1137/ 0		RN/L = 3.86		GRADIENT INTERVAL = -5.00/ 5.00		CPL		CPC10		CPC11		CPC12		CPO4	
CPR		CPC7		CPC8		CPC9		CPO3		CPC10		CPC11		CPC12	
MACH .980 .980	BETA	.97065	1.01088	.90773	.44557	.83404	1.04724	1.08895		1.01009		.93908		.55081	
	GRADIENT	1.04555	1.08906	.99701	.55127	.92712	.97337	1.01177		.92406		.84690		.44435	
		.01853	.01934	.02209	.02616	.02303	-.01828	-.01910		-.02129		-.02281		-.02634	
RUN NO. 1142/ 0		RN/L = 3.77		GRADIENT INTERVAL = -5.00/ 5.00		CPL		CPC10		CPC11		CPC12		CPO4	
CPR		CPC7		CPC8		CPC9		CPO3		CPC10		CPC11		CPC12	
MACH 1.050 1.050	BETA	1.02062	1.05925	.96013	.51075	.88752	1.09390	1.13452		1.05778		.98784		.61146	
	GRADIENT	1.09281	1.13470	1.04645	.61293	.97777	1.02309	1.06036		.97514		.89922		.50976	
		.01787	.01868	.02137	.02530	.02235	-.01753	-.01836		-.02046		-.02194		-.02518	
RUN NO. 1157/ 0		RN/L = 3.00		GRADIENT INTERVAL = -5.00/ 5.00		CPL		CPC10		CPC11		CPC12		CPO4	
CPR		CPC7		CPC8		CPC9		CPO3		CPC10		CPC11		CPC12	
MACH 1.150 1.150	BETA	1.08514	1.12325	1.02645	.58584	.95500	1.15609	1.19751		1.12096		1.05228		.68490	
	GRADIENT	1.15529	1.19750	1.11172	.68426	1.04441	1.08810	1.12549		1.04103		.96624		.58737	
		.01740	.01841	.02115	.02441	.02217	-.01686	-.01786		-.01982		-.02134		-.02419	

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF

(SCMO12) (03 OCT 91)

PARAMETRIC DATA

ALPHA = .000 PHI = -90.000

RUN NO. 1132/ 0 RN/L = 3.88 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CP04
.950	-2.000	.94961	.98967	.88608	.81196	.41770	1.02753	1.06941	.98996	.91782	.52466
.950	2.038	1.02555	1.06874	.97657	.90616	.52499	.95205	.99072	.90217	.82373	.41614
	GRADIENT	.01881	.01958	.02241	.02332	.02657	-.01869	-.01949	-.02174	-.02330	-.02687

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF

(SCMO13) (03 OCT 91)

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 1221/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CP04
.899	-8.002	.85051	.90061	.82455	.76479	.38155	.85859	.89869	.83298	.77796	.38719
.900	-6.995	.87590	.92509	.84393	.78152	.39297	.88358	.92348	.85209	.79267	.39880
.900	-5.993	.89767	.94546	.86034	.79530	.40160	.90401	.94396	.86802	.80473	.40583
.900	-4.991	.91632	.96269	.87363	.80695	.40958	.92113	.96170	.88182	.81536	.41437
.900	-3.993	.93072	.97589	.88431	.81560	.41547	.93486	.97593	.89304	.82425	.42059
.900	-2.991	.94179	.98630	.89210	.82101	.42050	.94620	.98709	.90231	.83133	.42558
.900	-1.995	.94911	.99349	.89705	.82459	.42398	.95471	.99552	.90905	.83654	.42903
.900	-.992	.95415	.99782	.90014	.82679	.42637	.96017	1.00142	.91379	.83984	.43145
.900	.021	.95545	.99887	.90099	.82770	.42719	.96095	.99987	.91547	.84069	.43202
.900	1.007	.95304	.99620	.89982	.82640	.42593	.95732	.99932	.91322	.83900	.43058
.900	2.009	.94771	.99074	.89653	.82408	.42348	.95098	.99449	.90932	.83595	.42858
.900	3.012	.93930	.98234	.89066	.82078	.41998	.94223	.98659	.90333	.83039	.42554
.900	4.010	.92676	.97046	.88172	.81378	.41492	.93010	.97523	.89469	.82303	.42084
.900	5.008	.91121	.95560	.87045	.80383	.40792	.91458	.96080	.88371	.81396	.41407
.899	6.007	.89258	.93809	.85669	.79229	.39997	.89582	.94306	.87090	.80375	.40638
.900	7.006	.87067	.91640	.83981	.77794	.39056	.87387	.92142	.85450	.79056	.39717
.900	7.999	.84584	.89234	.82095	.76190	.37927	.84929	.89782	.83706	.77618	.38627
	GRADIENT	.00119	.00089	.00090	.00072	.00061	.00100	.00150	.00144	.00087	.00069

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF

(SCMO13) (03 OCT 91)

PARAMETRIC DATA

RUN NO. 1165/ 0		RN/L =		2.50		GRADIENT INTERVAL =		-5.00/ 5.00		BETA =		.000 PHI =		.000	
ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12						
-7.994	1.07483	1.12452	1.04867	.99005	.63634	1.07964	1.12054	1.05508	.99960						.63951
-6.987	1.09546	1.14436	1.06435	1.00326	.64491	1.09987	1.14115	1.07082	1.01134						.64820
-5.992	1.11376	1.16173	1.07803	1.01477	.65255	1.11738	1.15868	1.08462	1.02172						.65591
-4.992	1.12884	1.17630	1.08931	1.02429	.65901	1.13139	1.17335	1.09604	1.03024						.66200
-3.996	1.14159	1.18840	1.09792	1.03176	.66439	1.14348	1.18610	1.10598	1.03776						.66731
-2.995	1.15166	1.19794	1.10614	1.03693	.66926	1.15415	1.19737	1.11506	1.04488						.67247
-1.995	1.15739	1.20325	1.10943	1.03853	.67173	1.16055	1.20387	1.12023	1.04847						.67510
-.991	1.16084	1.20706	1.11208	1.04100	.67419	1.16453	1.20830	1.12405	1.05112						.67753
.024	1.16224	1.20840	1.11314	1.04189	.67461	1.16549	1.20989	1.12549	1.05204						.67815
1.010	1.16045	1.20596	1.11190	1.04028	.67318	1.16305	1.20807	1.12439	1.05099						.67691
2.004	1.15525	1.20039	1.10831	1.03762	.67074	1.15714	1.20269	1.12049	1.04800						.67483
3.014	1.14760	1.19279	1.10350	1.03501	.66774	1.14937	1.19551	1.11522	1.04342						.67198
4.011	1.13655	1.18194	1.09553	1.02950	.66303	1.13869	1.18567	1.10781	1.03703						.66792
5.023	1.12390	1.16963	1.08600	1.02160	.65742	1.12547	1.17313	1.09854	1.02975						.66307
6.004	1.10947	1.15530	1.07511	1.01198	.65073	1.11054	1.15895	1.08783	1.02104						.65619
7.008	1.08994	1.13596	1.06024	.99950	.64237	1.09122	1.13969	1.07328	1.00967						.64747
8.005	1.06935	1.11583	1.04479	.98688	.63432	1.07057	1.11960	1.05884	.99817						.63946
GRADIENT	.00085	.00063	.00069	.00048	.00044	.00079	.00132	.00128	.00076						.00063

RUN NO. 1185/ 0		RN/L =		2.50		GRADIENT INTERVAL = -5.00/ 5.00					
MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.400	-8.002	1.09485	1.16107	1.07569	1.01352	.65172	1.10056	1.15800	1.08478	1.02528	.65673
1.400	-6.991	1.11576	1.18233	1.09187	1.02714	.65981	1.12053	1.17875	1.10090	1.03685	.66478
1.400	-5.996	1.13238	1.19939	1.10484	1.03764	.66660	1.13645	1.19598	1.11391	1.04656	.67125
1.400	-5.000	1.14660	1.21292	1.11536	1.04631	.67246	1.14988	1.20983	1.12484	1.05462	.67684
1.400	-3.994	1.15814	1.22476	1.12424	1.05290	.67748	1.16089	1.22226	1.13439	1.06161	.68186
1.400	-2.994	1.16775	1.23365	1.13070	1.05577	.68111	1.17086	1.23337	1.14251	1.06807	.68573
1.400	-1.993	1.17256	1.23853	1.13311	1.05753	.68354	1.17641	1.24042	1.14836	1.07168	.68829
1.400	-.995	1.17584	1.24258	1.13602	1.06028	.68524	1.17971	1.24492	1.15162	1.07364	.68976
1.400	.024	1.17774	1.24443	1.13742	1.06124	.68592	1.18089	1.24735	1.15364	1.07498	.69030
1.400	1.005	1.17610	1.24195	1.13623	1.05988	.68527	1.17863	1.24552	1.15271	1.07424	.68973
1.400	2.006	1.17025	1.23521	1.13213	1.05660	.68340	1.17280	1.23895	1.14848	1.07139	.68802
1.400	3.021	1.16293	1.22809	1.12825	1.05440	.68085	1.16571	1.23155	1.14269	1.06639	.68531
1.400	4.018	1.15354	1.21819	1.12175	1.05063	.67739	1.15621	1.22281	1.13670	1.06146	.68197
1.400	5.009	1.14097	1.20499	1.11184	1.04314	.67233	1.14299	1.21016	1.12785	1.05408	.67745
1.400	6.017	1.12695	1.18975	1.10002	1.03355	.66624	1.12846	1.19460	1.11626	1.04504	.67109
1.400	7.009	1.10875	1.17115	1.08555	1.02147	.65850	1.11045	1.17652	1.10261	1.03387	.66324
1.399	8.011	1.08964	1.15094	1.07040	1.00857	.65086	1.09072	1.15702	1.08837	1.02294	.65541
GRADIENT		-.00062	-.00084	-.00032	-.00026	-.00002	-.00071	-.00009	.00018	-.00009	-.00002

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF

(SCMO13) (03 OCT 91)

PARAMETRIC DATA

RUN NO. 1203/ 0		RN/L = 2.49		GRADIENT INTERVAL = -5.00/ 5.00		BETA =		.000 PHI =		.000	
ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12		CP04
-8.005	1.07917	1.16120	1.07523	1.01405	.65660	1.09000	1.16210	1.08838	1.02849		CP04
-7.000	1.09622	1.17947	1.08958	1.02604	.66342	1.10728	1.18022	1.10098	1.03653		.66092
-6.005	1.11274	1.19563	1.10229	1.03668	.66999	1.12332	1.19621	1.11311	1.04567		.66730
-5.000	1.12726	1.21075	1.11292	1.04459	.67618	1.13539	1.21288	1.12559	1.05482		.67400
-3.999	1.13792	1.22220	1.12119	1.05084	.68085	1.14544	1.22533	1.13486	1.06164		.67998
-3.000	1.14447	1.23055	1.12644	1.05286	.68295	1.15162	1.23371	1.14134	1.06637		.68405
-2.006	1.15285	1.23982	1.13135	1.05627	.68571	1.15980	1.24286	1.14846	1.07114		.68686
-1.002	1.15850	1.24669	1.13565	1.06011	.68832	1.16509	1.24952	1.15411	1.07521		.69031
.003	1.16092	1.25058	1.13879	1.06253	.68908	1.16620	1.25241	1.15649	1.07650		.69312
1.006	1.16023	1.24974	1.13813	1.06080	.68722	1.16463	1.25144	1.15553	1.07482		.69382
2.001	1.15339	1.24087	1.13342	1.05715	.68528	1.15672	1.24303	1.15016	1.07175		.69167
2.996	1.14646	1.23290	1.12985	1.05523	.68300	1.15013	1.23553	1.14459	1.06707		.69064
4.002	1.13696	1.22049	1.12132	1.04954	.67780	1.14087	1.22627	1.13735	1.06043		.68825
4.994	1.12632	1.20719	1.11235	1.04314	.67393	1.12870	1.21439	1.12960	1.05510		.68306
6.001	1.11210	1.19091	1.10035	1.03414	.66721	1.11405	1.19782	1.11682	1.04469		.68064
6.988	1.09594	1.17366	1.08738	1.02355	.66035	1.09826	1.18162	1.10487	1.03515		.67439
7.995	1.07798	1.15259	1.07129	1.01045	.65219	1.07937	1.16108	1.09053	1.02474		.66735
GRADIENT	.00000	-.00011	.00013	-.00003	-.00023	-.00057	.00017	.00041	-.00000		.65922
											.00002

RUN NO. 1276/ 0		RN/L =		2.50		GRADIENT INTERVAL = -5.00/ 5.00		CPC10		CPC11		CPC12		CPO4	
MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4				
1.474	-8.000	1.05226	1.15709	1.06812	1.00683	.64881	1.06194	1.15615	1.07915	1.01899	.65268				
1.473	-6.979	1.06690	1.17667	1.08291	1.01870	.65542	1.07552	1.17605	1.09428	1.02978	.65944				
1.474	-5.995	1.07842	1.19381	1.09588	1.02945	.66178	1.08565	1.19265	1.10746	1.03937	.66597				
1.474	-4.994	1.08703	1.20799	1.10613	1.03735	.66645	1.09286	1.20629	1.11778	1.04691	.67082				
1.474	-3.994	1.09800	1.22059	1.11403	1.04219	.67150	1.10307	1.21939	1.12795	1.05507	.67577				
1.474	-2.994	1.10440	1.22773	1.11991	1.04540	.67495	1.10973	1.22834	1.13554	1.06062	.67967				
1.474	-1.979	1.10584	1.23084	1.12308	1.04901	.67766	1.11210	1.23412	1.14008	1.06337	.68242				
1.473	-.991	1.10857	1.23518	1.12543	1.05098	.67863	1.11555	1.24073	1.14428	1.06543	.68366				
1.473	.014	1.10826	1.23677	1.12689	1.05221	.67925	1.11443	1.24260	1.14535	1.06574	.68420				
1.473	1.011	1.10828	1.23688	1.12776	1.05239	.67829	1.11378	1.24031	1.14387	1.06433	.68374				
1.473	2.005	1.10701	1.23274	1.12547	1.05020	.67590	1.11158	1.23519	1.14003	1.06141	.68154				
1.474	3.010	1.10514	1.22570	1.12133	1.04735	.67356	1.10967	1.22876	1.13546	1.05786	.67883				
1.474	4.022	1.09936	1.21471	1.11464	1.04405	.67002	1.10357	1.21938	1.12926	1.05271	.67485				
1.473	5.008	1.09238	1.20390	1.10679	1.03832	.66561	1.09545	1.20836	1.12185	1.04693	.67062				
1.473	6.004	1.08240	1.19006	1.09644	1.02953	.65960	1.08538	1.19379	1.11122	1.03860	.66530				
1.473	7.012	1.07087	1.17313	1.08431	1.01947	.65265	1.07366	1.17686	1.09885	1.02880	.65883				
1.473	8.008	1.05540	1.15349	1.06992	1.00756	.64516	1.05722	1.15719	1.08499	1.01819	.65195				
GRADIENT		.00110	.00085	.00104	.00080	.00033	.00094	.00144	.00116	.00048	.00043				

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF (SCM013) (03 OCT 91)

PARAMETRIC DATA

RUN NO. 1238/ 0		RN/L = 2.50		GRADIENT INTERVAL = -5.00/ 5.00		BETA =		.000 PHI =		.000	
MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CP04
1.495	-7.999	1.02852	1.16168	1.07312	1.01213	.65544	1.03579	1.15768	1.08168	1.02188	.65659
1.495	-6.988	1.03573	1.18111	1.08806	1.02451	.66233	1.04298	1.17824	1.09684	1.03263	.66392
1.495	-5.993	1.04021	1.19953	1.10189	1.03544	.66881	1.04620	1.19643	1.11037	1.04268	.67057
1.495	-4.993	1.04190	1.21250	1.10935	1.04110	.67326	1.04729	1.21037	1.12065	1.05026	.67540
1.495	-3.987	1.03988	1.22455	1.11660	1.04496	.67845	1.04503	1.22333	1.13111	1.05829	.68059
1.495	-2.993	1.03410	1.23352	1.12232	1.04913	.68149	1.04023	1.23330	1.13879	1.06312	.68369
1.495	-1.994	1.03379	1.24155	1.12780	1.05393	.68431	1.04046	1.24252	1.14537	1.06732	.68685
1.495	-.998	1.03154	1.24495	1.13026	1.05609	.68552	1.03854	1.24734	1.14889	1.06963	.68849
1.495	.015	1.03141	1.24524	1.13109	1.05677	.68574	1.03740	1.24796	1.14965	1.06992	.68862
1.496	1.008	1.03548	1.24350	1.13015	1.05607	.68531	1.04044	1.24614	1.14892	1.06947	.68818
1.495	2.005	1.04424	1.23937	1.12861	1.05444	.68411	1.04958	1.24274	1.14742	1.06865	.68731
1.495	3.010	1.04942	1.23287	1.12504	1.05144	.68108	1.05433	1.23591	1.14278	1.06528	.68445
1.495	4.011	1.05120	1.22211	1.11953	1.04828	.67673	1.05542	1.22607	1.13561	1.05928	.68041
1.495	5.007	1.05172	1.21001	1.11181	1.04307	.67197	1.05477	1.21285	1.12587	1.05141	.67617
1.495	6.015	1.05180	1.19620	1.10235	1.03581	.66647	1.05415	1.19834	1.11490	1.04254	.67091
1.496	7.007	1.04794	1.17923	1.09053	1.02624	.66059	1.05008	1.18271	1.10372	1.03369	.66522
1.496	8.008	1.04042	1.15890	1.07511	1.01386	.65275	1.04139	1.16252	1.08960	1.02296	.65780
GRADIENT		.00125	.00109	.00115	.00087	.00040	.00111	.00174	.00164	.00100	.00057

RUN NO. 1283/ 0		RN/L = 2.50		GRADIENT INTERVAL = -5.00/ 5.00		BETA =		.000 PHI =		.000	
MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CP04
1.520	-7.999	.84299	1.15911	1.06731	1.00574	.64906	.85169	1.15609	1.07826	1.01825	.65544
1.520	-6.993	.80784	1.17891	1.08204	1.01802	.65603	.81740	1.17649	1.09292	1.02860	.66232
1.520	-5.993	.79030	1.19587	1.09146	1.02441	.66097	.79869	1.19288	1.10401	1.03637	.66687
1.520	-4.999	.78620	1.21388	1.09948	1.02985	.66712	.79541	1.21140	1.11682	1.04504	.67270
1.520	-3.982	.79023	1.23063	1.10726	1.03607	.67152	.79983	1.22878	1.12620	1.05126	.67685
1.520	-2.994	.81785	1.24936	1.11533	1.04119	.67473	.82574	1.24719	1.13373	1.05615	.67980
1.520	-1.995	.94419	1.25658	1.12757	1.04888	.67794	.94910	1.26121	1.14477	1.06287	.68246
1.520	-.986	.97599	1.23863	1.13282	1.05320	.67996	.97976	1.24969	1.15079	1.06722	.68408
1.520	.014	.98347	1.23581	1.13484	1.05538	.68203	.98752	1.24808	1.15297	1.06905	.68536
1.520	2.005	.97075	1.24395	1.13203	1.05267	.68029	.97248	1.25643	1.15107	1.06728	.68381
1.520	3.005	.85939	1.25354	1.12157	1.04561	.67794	.86201	1.25449	1.14136	1.06114	.68174
1.521	4.006	.79886	1.21999	1.10645	1.03547	.67289	.80430	1.23274	1.12973	1.05333	.67610
1.520	5.018	.79533	1.20146	1.09681	1.02738	.66645	.80168	1.20641	1.11827	1.04503	.67056
1.520	6.004	.82133	1.18800	1.09188	1.02625	.66274	.82849	1.19297	1.10919	1.03779	.66710
1.520	7.006	.85432	1.17100	1.07982	1.01661	.65556	.85996	1.17657	1.09779	1.02893	.66031
1.520	7.997	.87836	1.15453	1.06872	1.00815	.65041	.88085	1.15950	1.08622	1.02089	.65526
GRADIENT		.00319	.00048	.00098	.00078	.00068	.00257	.00122	.00151	.00098	.00042

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF (SCM013) (03 OCT 91)

PARAMETRIC DATA

MACH		ALPHA		CPR		CPC7		CPC8		CPC9		CPO3		CPL		CPC10		CPC11		CPC12		CPO4	
1.543	-8.002	.72866	1.14691	1.05702	.99786	.64124	.73815	1.14343	1.06675	1.00805	.64724												
1.543	-7.003	.73362	1.16980	1.06789	1.00568	.64886	.74195	1.16739	1.08432	1.02156	.65509												
1.544	-5.992	.74713	1.19515	1.07692	1.01270	.65548	.75297	1.19373	1.09975	1.03184	.66136												
1.544	-4.982	.76831	1.22207	1.08923	1.01987	.65951	.77321	1.22255	1.11208	1.03909	.66550												
1.544	-3.992	.83988	1.26945	1.10704	1.03060	.66363	.84273	1.27299	1.12601	1.04715	.66945												
1.544	-2.993	.89018	1.23201	1.11862	1.03685	.66806	.89276	1.25063	1.14020	1.05476	.67347												
1.544	-1.988	.91762	1.17004	1.12645	1.04229	.67082	.92293	1.19629	1.14807	1.05892	.67578												
1.544	-.990	.93205	1.13826	1.12944	1.04491	.67228	.93831	1.16511	1.15035	1.06077	.67680												
1.544	.015	.93489	1.13533	1.13060	1.04638	.67357	.94072	1.15962	1.15124	1.06203	.67796												
1.544	1.011	.92706	1.14649	1.12922	1.04482	.67314	.93109	1.17304	1.15041	1.06105	.67693												
1.543	2.011	.90546	1.18652	1.12475	1.04119	.67140	.90763	1.21596	1.14578	1.05780	.67514												
1.543	3.010	.87317	1.24511	1.11641	1.03635	.66949	.87303	1.26676	1.13727	1.05280	.67289												
1.543	4.006	.78830	1.24166	1.09982	1.02691	.66600	.78764	1.24556	1.12341	1.04508	.66916												
1.543	5.012	.75270	1.20607	1.08511	1.01747	.66187	.75160	1.21212	1.11297	1.03803	.66465												
1.543	6.009	.74433	1.18128	1.07464	1.01032	.65652	.74559	1.18944	1.10214	1.03043	.65905												
1.544	7.005	.73342	1.15739	1.06519	1.00432	.65026	.73736	1.16713	1.08803	1.01993	.65325												
1.544	8.012	.73099	1.13545	1.05165	.99349	.64252	.73824	1.14497	1.07257	1.00828	.64601												
		.00316	-.00180	.00122	.00081	.00075	.00269	-.00052	.00131	.00070	.00042												
	GRADIENT																						

BETA = .000 PHI = .000

RUN NO. 1251/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF

(SCMO14) (03 OCT 91)

PARAMETRIC DATA

RUN NO. 1268/ 0		RN/L = 2.50		GRADIENT INTERVAL = -5.00/ 5.00		BETA =		.000 PHI =		.000	
MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
.899	-8.003	.85175	.90133	.82528	.76533	.38306	.85890	.89892	.83341	.77833	.38861
.900	-6.980	.87721	.92563	.84448	.78189	.39462	.88430	.92381	.85253	.79315	.40040
.900	-5.993	.89857	.94563	.86043	.79510	.40316	.90405	.94428	.86840	.80511	.40725
.900	-4.992	.91678	.96266	.87356	.80666	.41068	.92112	.96162	.88191	.81570	.41564
.900	-3.988	.93949	.98295	.89129	.82225	.42272	.94354	.98262	.89978	.83082	.42767
.900	-2.991	.94087	.98497	.89071	.81959	.42071	.94463	.98577	.90117	.83029	.42600
.900	-1.995	.95015	.99371	.89728	.82460	.42524	.95535	.99586	.90977	.83704	.43055
.900	- .997	.95534	.99805	.90030	.82702	.42798	.96087	1.00169	.91454	.84034	.43323
.900	.015	.95692	.99955	.90153	.82829	.42897	.96220	1.00366	.91638	.84389	.43389
.900	1.007	.95422	.99659	.90013	.82663	.42753	.95856	1.00063	.91434	.83997	.43263
.900	2.004	.94825	.99061	.89637	.82393	.42486	.95139	.99477	.91013	.83641	.43039
.900	3.006	.93999	.98227	.89072	.82065	.42146	.94234	.98644	.90339	.83048	.42680
.900	4.010	.92729	.97023	.88147	.81343	.41599	.93012	.97516	.89450	.82300	.42206
.900	5.008	.91182	.95529	.86998	.80348	.40919	.91493	.96073	.88376	.81423	.41534
.900	6.001	.89329	.93738	.85646	.79172	.40158	.89581	.94267	.87060	.80345	.40741
.900	7.005	.87207	.91713	.84063	.77847	.39215	.87492	.92219	.85547	.79142	.39866
.900	8.009	.84775	.89321	.82202	.76275	.38160	.85062	.89851	.83795	.77707	.38825
	GRADIENT	.00090	.00062	.00064	.00048	.00041	.00071	.00127	.00121	.00063	.00049

RUN NO. 1264/ 0		RN/L = 2.50		GRADIENT INTERVAL = -5.00/ 5.00		BETA =		.000 PHI =		.000	
MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.250	-7.999	1.07391	1.12305	1.04806	.98952	.63521	1.07933	1.12027	1.05444	1.00002	.64024
1.250	-6.982	1.09566	1.14410	1.06462	1.00359	.64552	1.10061	1.14183	1.07114	1.01267	.64958
1.250	-5.996	1.11278	1.16058	1.07721	1.01418	.65231	1.11672	1.15824	1.08401	1.02206	.65639
1.250	-4.981	1.12851	1.17602	1.08953	1.02471	.65936	1.13197	1.17352	1.09637	1.03145	.66313
1.250	-3.991	1.14042	1.18739	1.09854	1.03169	.66401	1.14322	1.18532	1.10548	1.03842	.66776
1.250	-2.990	1.15040	1.19676	1.10537	1.03653	.66860	1.15362	1.19616	1.11408	1.04505	.67248
1.250	-1.990	1.15627	1.20262	1.10918	1.03838	.67182	1.16032	1.20314	1.11977	1.04930	.67574
1.250	- .996	1.15962	1.20593	1.11170	1.04070	.67369	1.16415	1.20737	1.12329	1.05154	.67756
1.250	.014	1.16145	1.20749	1.11293	1.04188	.67463	1.16545	1.20913	1.12483	1.05259	.67847
1.250	1.010	1.15993	1.20559	1.11204	1.04072	.67511	1.16301	1.20781	1.12422	1.05197	.67762
1.250	2.008	1.15480	1.19996	1.10849	1.03805	.67113	1.15721	1.20227	1.12029	1.04883	.67554
1.250	3.025	1.14583	1.19091	1.10202	1.03380	.66681	1.14828	1.19380	1.11361	1.04291	.67141
1.250	4.011	1.13609	1.18109	1.09517	1.02934	.66313	1.13857	1.18458	1.10698	1.03737	.66818
1.250	5.017	1.12394	1.16905	1.08602	1.02169	.65815	1.12557	1.17281	1.09794	1.03022	.66339
1.250	6.009	1.10893	1.15429	1.07447	1.01176	.65130	1.10996	1.15801	1.08667	1.02097	.65664
1.250	7.007	1.09049	1.13620	1.06090	1.00046	.64381	1.09181	1.14005	1.07332	1.01065	.64843
1.250	8.004	1.06922	1.11535	1.04503	.98703	.63511	1.07032	1.11909	1.05778	.99829	.63958
	GRADIENT	.00085	.00058	.00061	.00044	.00044	.00074	.00124	.00120	.00068	.00056

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF (SCMO14) (03 OCT 91)

PARAMETRIC DATA

RUN NO. 1258/ O		RN/L = 2.50		GRADIENT INTERVAL = -5.00/ 5.00		BETA =		.000 PHI =		.000	
MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.400	-7.996	1.09746	1.16227	1.07851	1.01651	.65618	1.10228	1.15776	1.08467	1.02614	.66006
1.400	-6.985	1.11758	1.18316	1.09414	1.02960	.66391	1.12130	1.17845	1.10030	1.03732	.66761
1.400	-5.990	1.13501	1.20057	1.10733	1.04044	.67123	1.13763	1.19658	1.11423	1.04789	.67473
1.400	-4.989	1.14918	1.21453	1.11838	1.04965	.67753	1.15128	1.21083	1.12583	1.05638	.68095
1.399	-3.988	1.15967	1.22477	1.12513	1.05534	.68099	1.16178	1.22171	1.13388	1.06225	.68432
1.400	-2.988	1.16912	1.23415	1.13214	1.05816	.68534	1.17188	1.23302	1.14292	1.06941	.68958
1.400	-1.988	1.17469	1.23960	1.13550	1.06043	.68827	1.17870	1.24083	1.14936	1.07380	.69268
1.399	-.990	1.17739	1.24295	1.13746	1.06354	.68908	1.18149	1.24455	1.15198	1.07507	.69331
1.400	.018	1.17980	1.24496	1.13897	1.06354	.68908	1.18318	1.24695	1.15404	1.07654	.69422
1.400	1.004	1.17725	1.24172	1.13713	1.06148	.68868	1.17990	1.24441	1.15243	1.07507	.69302
1.400	2.005	1.17239	1.23645	1.13396	1.05931	.68799	1.17484	1.23927	1.14965	1.06849	.68968
1.400	3.005	1.16500	1.22867	1.12958	1.05683	.68512	1.16764	1.23333	1.13782	1.06342	.68613
1.400	4.023	1.15582	1.21926	1.12361	1.05316	.68185	1.15810	1.22333	1.12804	1.05545	.68107
1.400	5.009	1.14259	1.20519	1.11300	1.04484	.67614	1.14421	1.21020	1.11676	1.04665	.67530
1.400	6.011	1.12813	1.18972	1.10138	1.03531	.67001	1.12984	1.19523	1.10415	1.03650	.66831
1.400	7.013	1.11095	1.17224	1.08825	1.02449	.66349	1.11325	1.17837	1.08935	1.02500	.66011
1.400	8.005	1.09103	1.15176	1.07256	1.01131	.65504	1.09318	1.15799	.00134	.00080	.00061
1.400	GRADIENT	.00075	.00054	.00057	.00031	.00050	.00074	.00137			

RUN NO. 1226/ O		RN/L = 2.49		GRADIENT INTERVAL = -5.00/ 5.00		BETA =		.000 PHI =		.000	
MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.450	-8.000	1.07993	1.16076	1.07517	1.01453	.65629	1.09041	1.16065	1.08726	1.02785	.66060
1.451	-6.989	1.09928	1.18072	1.09115	1.02839	.66478	1.10944	1.18100	1.10228	1.03820	.66874
1.450	-5.994	1.11528	1.19842	1.10455	1.03859	.67085	1.12394	1.19737	1.11452	1.04742	.67508
1.450	-4.994	1.12967	1.21118	1.11382	1.04632	.67678	1.13766	1.21332	1.12639	1.05612	.68066
1.450	-3.994	1.13984	1.22255	1.12138	1.05192	.68117	1.14737	1.22349	1.13544	1.06288	.68505
1.450	-2.994	1.14735	1.23129	1.12657	1.05317	.68327	1.15498	1.23439	1.14180	1.06722	.68794
1.450	-1.995	1.15567	1.24013	1.13194	1.05758	.68670	1.16348	1.24439	1.14956	1.07268	.69175
1.450	-.986	1.15860	1.24498	1.13523	1.06035	.68788	1.16638	1.24939	1.15337	1.07509	.69308
1.450	.024	1.16162	1.24989	1.13897	1.06298	.68819	1.16756	1.25162	1.15535	1.07599	.69334
1.450	1.006	1.16048	1.24792	1.13770	1.06127	.68707	1.16510	1.25021	1.15500	1.07550	.69244
1.450	2.010	1.15366	1.23951	1.13341	1.05782	.68517	1.15744	1.24238	1.15054	1.07298	.69125
1.450	3.011	1.14635	1.23205	1.12985	1.05553	.68354	1.15045	1.23435	1.14389	1.06717	.68847
1.450	4.012	1.13833	1.22043	1.12229	1.05109	.67839	1.14256	1.22634	1.13784	1.06193	.68478
1.451	5.009	1.12604	1.20570	1.11125	1.04271	.67331	1.12910	1.21323	1.12839	1.05430	.68041
1.450	6.011	1.11357	1.19089	1.09983	1.03389	.66711	1.11603	1.19812	1.11705	1.04543	.67484
1.450	7.008	1.09783	1.17335	1.08683	1.02364	.66079	1.10126	1.18304	1.10642	1.03720	.66894
1.450	8.004	1.07934	1.15265	1.07099	1.01045	.65231	1.08090	1.16141	1.09053	1.02494	.65964
1.450	GRADIENT	.00105	.00133	.00116	.00064	.00021	.00051	.00145	.00136	.00073	.00048

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF

(SCMO15) (03 OCT 91)

PARAMETRIC DATA

$$\text{BETA} = .000 \quad \text{PHI} = 180.000$$

RUN NO.	1222/ 0	RN/L =	2.50	GRADIENT	INTERVAL =	-5.00/	5.00
---------	---------	--------	------	----------	------------	--------	------

[illegible]

RUN NO.	1166/ 0	RN/L =	2.50	GRADIENT INTERVAL =	-5.00/	5.00
---------	---------	--------	------	---------------------	--------	------

[illegible]

YA310 (AFDC 16TF-783) FLOW ANGULARITIES-FAIR OFF (SCM015) (03 OCT 91)

PARAMETRIC DATA

$$\text{BETA} = .000 \quad \text{PHI} = 180.000$$
[illegible]

RUN NO.	1200/ 0	RN/L =	2.49	GRADIENT	INTERVAL =	-5.00/	5.00
---------	---------	--------	------	----------	------------	--------	------

[illegible]

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF

(SCMO15) (03 OCT 91)

PARAMETRIC DATA

$$\text{BETA} = .000 \quad \text{PHI} = 180.000$$

RUN NO.	1278/ 0	RN/L =	2.50	GRADIENT INTERVAL =	-5.00/ 5.00
---------	---------	--------	------	---------------------	-------------

[illegible]

RUN NO.	1241/ 0	RN/L =	2.49	GRADIENT INTERVAL =	-5.00/ 5.00
---------	---------	--------	------	---------------------	-------------

[illegible]

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF (SCM015) (03 OCT 91)

PARAMETRIC DATA

$$\text{BETA} = .000 \quad \text{PHI} = 180.000$$

RUN NO.	1285/ 0	RN/L = 2.50	GRADIENT INTERVAL = -5.00/ 5.00
---------	---------	-------------	---------------------------------

[illegible]

RUN NO.	1253/ 0	RN/L =	2.50	GRADIENT INTERVAL =	-5.00/ 5.00
---------	---------	--------	------	---------------------	-------------

[illegible]

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF

(SCMO16) (03 OCT 91)

PARAMETRIC DATA

$$\text{BETA} = .000 \quad \text{PHI} = 180.000$$

RUN NO.	1269/ 0	RN/L =	2.50	GRADIENT	INTERVAL =	-5.00/	5.00
---------	---------	--------	------	----------	------------	--------	------

[illegible]

RUN NO.	1265/ 0	RN/L =	2.50	GRADIENT INTERVAL =	-5.00/ 5.00
---------	---------	--------	------	---------------------	-------------

[illegible]

TA310 (AFDC 16TF-783) FLOW ANGULARITIES-FAIR OFF (SCMO16) (03 OCT 91)

PARAMETRIC DATA

$$\text{BETA} = \frac{\text{.000 PHI}}{180.000}$$

RUN NO.	1259/ 0	RN/L =	2.50	GRADIENT INTERVAL =	-5.00/ 5.00
---------	---------	--------	------	---------------------	-------------

[illegible]

RUN NO.	1227	0	RN/L	=	2.50	GRADIENT INTERVAL	=	-5.00/	5.00
---------	------	---	------	---	------	-------------------	---	--------	------

[illegible]

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF

(SCMO17) (03 OCT 91)

PARAMETRIC DATA

$$\text{ALPHA} = .000 \quad \text{PHI} = 90.000$$

RUN NO.	1223/ 0	RN/L =	2.50	GRADIENT INTERVAL =	-5.00/ 5.00
---------	---------	--------	------	---------------------	-------------

MACH	BETA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
.900	-3.988	.87858	.91505	.80905	.73212	.32132	1.02839	1.07060	.99330	.92461	.53588
.900	-2.989	.83933	.93688	.83333	.75716	.34871	1.01032	1.05326	.97346	.90284	.50822
.899	-1.985	.92085	.96037	.85859	.78290	.37858	.99272	1.03572	.95322	.88115	.48041
.900	-.993	.94070	.98330	.88258	.80811	.40503	.97491	1.01741	.93197	.85860	.45320
.900	.017	.95993	1.00345	.90572	.83254	.43243	.95630	.99840	.91012	.83528	.42594
.900	1.006	.97848	1.02255	.92845	.85680	.45939	.93712	.97744	.88756	.81100	.39838
.900	2.005	.99585	1.04036	.95074	.88162	.48639	.91712	.95457	.86441	.78651	.37028
.900	2.998	1.01390	1.05840	.97212	.90481	.51375	.89702	.93179	.84077	.76296	.34296
.900	3.995	1.03218	1.07575	.99296	.92716	.54168	.87568	.90355	.81526	.73582	.31551
GRADIENT		.01914	.02016	.02309	.02454	.02757	-.01904	-.02022	-.02225	-.02360	-.02760

RUN NO. 1168 / 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CPR	GPC7	GPC8	CPC9	CP03	CPL	CPC10	CPC11	CPC12	CP04
1.250	-3.985	1.09185	1.13073	1.02919	.95540	.58144	1.22959	1.27422	1.19860	1.13035	.76758
1.250	-2.970	1.11170	1.15096	1.05123	.97772	.60573	1.21264	1.25723	1.17903	1.10936	.74282
1.250	-1.980	1.13021	1.17240	1.07390	1.00082	.40047	1.19546	1.24050	1.16036	1.08943	.71963
1.250	-.992	1.14808	1.19239	1.09526	1.02344	.65442	1.17827	1.23227	1.14097	1.06855	.69526
1.250	.016	1.16598	1.21125	1.11664	1.04557	.67885	1.16156	1.20679	1.12143	1.04717	.67199
1.249	1.014	1.18411	1.22974	1.13761	1.06768	.70263	1.14383	1.18703	1.10008	1.02470	.64751
1.250	2.004	1.20068	1.24703	1.15886	1.09088	.72659	1.12557	1.16604	1.07888	1.00256	.62387
1.250	3.010	1.21667	1.26270	1.17865	1.11282	.74992	1.10644	1.14441	1.05645	.97953	.59942
1.250	3.995	1.23401	1.27867	1.19752	1.13379	.77453	1.08713	1.12423	1.03408	.95622	.57489
GRADIENT		.01772	.01861	.02119	.02245	.02415	-.01776	-.01878	-.02055	-.02179	-.02407

RUN NO.	1187/	0	RN/L	=	2.50	GRADIENT INTERVAL	=	-5.00/	5.00
---------	-------	---	------	---	------	-------------------	---	--------	------

MACH	BETA	CPR	CPC7	CPC8	CPC9	CP03	CPL	CPC10	CPC11	CPC12	CP04
1.400	-3.988	1.10146	1.16077	1.04951	.97163	.59193	1.25532	1.31734	1.23305	1.15965	.78604
1.400	-2.991	1.12254	1.18256	1.07268	.99539	.61658	1.23649	1.29946	1.21251	1.13804	.76065
1.400	-1.984	1.14176	1.20574	1.09621	1.01916	.64136	1.21569	1.28052	1.19148	1.11567	.73494
1.400	-.986	1.16078	1.22705	1.11929	1.04304	.66626	1.19571	1.26207	1.17000	1.09211	.70928
1.400	.008	1.18169	1.24824	1.14206	1.06636	.69133	1.17841	1.24392	1.14909	1.06963	.68561
1.400	1.004	1.20139	1.26815	1.16503	1.08958	.71630	1.15791	1.22121	1.12593	1.04574	.66044
1.400	2.000	1.21873	1.28632	1.18771	1.11354	.74115	1.13684	1.19780	1.10303	1.02191	.63558
1.400	3.006	1.23864	1.30342	1.20956	1.13893	.76700	1.11703	1.17564	.99800	.61178	.58761
1.400	3.996	1.25841	1.32155	1.23002	1.16104	.79218	1.09581	1.15357	1.05521	.97303	.58761
	GRADIENT	.01955	.02017	.02273	.02377	.02508	-.01990	-.02059	-.02222	-.02339	-.02485

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF

PARAMETRIC DATA

(SCMO17) (03 OCT 91)

ALPHA = .000 PHI = 90.000

RUN NO. 1201/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CPO4
1.450	-3.993	1.07914	1.15783	1.04442	.96774	.59549	1.24083	1.31799	1.23337	1.16119	.78743
1.449	-2.997	1.09809	1.17920	1.06846	.99227	.61936	1.21920	1.30223	1.21477	1.14054	.76177
1.450	-1.996	1.12111	1.20485	1.09370	1.01740	.64510	1.20113	1.28560	1.19607	1.11957	.73696
1.450	-1.003	1.14302	1.22954	1.11789	1.04134	.66993	1.18077	1.26800	1.17453	1.09508	.71064
1.450	.005	1.16532	1.25242	1.14227	1.06616	.69508	1.16128	1.25020	1.15185	1.07027	.68645
1.450	1.004	1.18830	1.27443	1.16596	1.09013	.72024	1.14085	1.22500	1.12628	1.04518	.66112
1.450	1.990	1.20453	1.29332	1.19184	1.11603	.74512	1.11735	1.20071	1.10323	1.02174	.63647
1.450	2.986	1.22471	1.30738	1.21199	1.14062	.76946	1.09638	1.17695	1.07912	.99673	.61124
1.450	3.986	1.24914	1.32691	1.23246	1.16363	.79585	1.07572	1.15358	1.05380	.97137	.58617
	GRADIENT	.02125	.02143	.02385	.02464	.02510	-.02066	-.02086	-.02271	-.02400	-.02518

RUN NO. 1280/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CPO4
1.473	-3.982	1.03400	1.15262	1.03836	.96179	.58750	1.20267	1.31329	1.22498	1.15142	.77996
1.473	-2.990	1.05355	1.17456	1.06211	.98558	.61078	1.17757	1.29142	1.20273	1.12947	.75405
1.473	-1.990	1.07215	1.19742	1.08545	1.00950	.63556	1.15276	1.27460	1.18363	1.10813	.72918
1.473	-.986	1.09572	1.22124	1.10900	1.03416	.66222	1.13353	1.25828	1.16366	1.08593	.70425
1.473	.017	1.11510	1.24176	1.13090	1.05592	.68597	1.11026	1.23791	1.14128	1.06213	.67820
1.473	1.010	1.13670	1.26230	1.15495	1.07988	.71061	1.08793	1.21697	1.11918	1.03878	.65289
1.473	2.000	1.16046	1.28078	1.17729	1.10309	.73484	1.06896	1.19461	1.09576	1.01451	.62783
1.473	3.001	1.18984	1.30252	1.20196	1.12903	.76095	1.05517	1.17238	1.07334	.99172	.60451
1.473	3.991	1.21368	1.32071	1.22492	1.15458	.78628	1.03458	1.14926	1.04814	.96620	.57954
	GRADIENT	.02248	.02112	.02332	.02397	.02494	-.02094	-.02029	-.02199	-.02320	-.02514

RUN NO. 1242/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CPO4
1.496	-3.987	.96883	1.15757	1.04074	.96457	.59096	1.14770	1.32010	1.23240	1.15954	.78723
1.496	-2.990	.97827	1.17915	1.06451	.98869	.61456	1.11363	1.30215	1.21164	1.13697	.76172
1.496	-1.985	.99399	1.20591	1.08964	1.01355	.63998	1.08362	1.28489	1.19113	1.11481	.73714
1.496	-.989	1.01397	1.22997	1.11257	1.03700	.66488	1.05561	1.26433	1.16877	1.09102	.71066
1.495	.016	1.03513	1.24881	1.13465	1.05979	.68878	1.02969	1.24359	1.14554	1.06656	.68384
1.496	1.017	1.06402	1.26878	1.15931	1.08507	.71481	1.01127	1.22445	1.12437	1.04425	.65921
1.496	2.000	1.09460	1.28782	1.18255	1.10884	.73951	.99640	1.20236	1.10226	1.02099	.63440
1.496	2.995	1.13387	1.30654	1.20537	1.13230	.76460	.99068	1.17867	1.07776	.99665	.61002
1.496	4.001	1.16974	1.32779	1.22931	1.15806	.79097	.97968	1.15499	1.05247	.97087	.58538
	GRADIENT	.02541	.02114	.02354	.02410	.02503	-.02104	-.02064	-.02244	-.02355	-.02537

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF

(SCMO17) (03 OCT 91)

PARAMETRIC DATA

ALPHA = .000 PHI = 90.000

RUN NO. 1287/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.520	-3.987	.71529	1.15202	1.03142	.95772	.58328	.89366	1.31713	1.22804	1.15526	.78366
1.520	-2.985	.75655	1.16621	1.05496	.98189	1.01300	.87052	1.30392	1.20719	1.13172	.75723
1.520	-1.990	.90356	1.16240	1.08509	1.01069	.63565	.95361	1.31371	1.19003	1.11084	.73324
1.520	.992	.97075	1.19191	1.11314	1.03451	.65877	.99120	1.28737	1.16870	1.08616	.70591
1.520	.015	.98917	1.25170	1.13953	1.05931	.68430	.98328	1.22796	1.14644	1.06314	.68093
1.520	1.004	.98514	1.30251	1.16100	1.08278	.70967	.95391	1.18090	1.11834	1.03831	.65598
1.520	2.006	.87290	1.29599	1.17840	1.10456	.73472	.79223	1.18408	1.08956	1.01089	.63078
1.520	3.001	.88465	1.30753	1.20083	1.12892	.76068	.74640	1.16757	1.06625	.98661	.60684
1.520	3.996	.92020	1.32468	1.22414	1.15350	.78734	.71945	1.14790	1.04238	.96232	.58215
	GRADIENT	.01934	.02493	.02410	.02439	.02499	-.02386	-.02425	-.02366	-.02430	-.02525

RUN NO. 1255/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.544	-3.987	.77435	1.05072	1.00976	.94439	.57941	.93480	1.34086	1.21688	1.14121	.77398
1.544	-2.979	.84229	1.05366	1.04516	.97527	.60431	.95336	1.36360	1.20018	1.11990	.74894
1.544	-1.989	.88866	1.06519	1.08023	1.00376	.62873	.95400	1.33503	1.18243	1.09786	.72385
1.543	-.991	.92085	1.09549	1.11271	1.02925	.65310	.94623	1.22390	1.16333	1.07532	.69843
1.544	.017	.93922	1.16192	1.13767	1.05204	.67776	.93237	1.12577	1.14151	1.05376	.67427
1.543	1.010	.94979	1.27333	1.15711	1.07396	.70297	.91117	1.07586	1.11276	1.03059	.64990
1.544	2.000	.95039	1.35108	1.17507	1.09605	.72855	.87484	1.05682	1.07982	1.00536	.62644
1.543	3.001	.94232	1.35352	1.19249	1.11840	.75372	.82559	1.04863	1.04482	.97698	.60276
1.543	3.995	.89525	1.32557	1.20910	1.13950	.77956	.73130	1.07447	1.01715	.94663	.57767
	GRADIENT	.01565	.04592	.02462	.02405	.02504	-.02323	-.04538	-.02541	-.02401	-.02451

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF

(SCMO18) (03 OCT 91)

PARAMETRIC DATA

ALPHA = .000 PHI = 90.000

RUN NO. 1272/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
.900	-3.989	.87903	.91534	.80989	.73286	.32156	1.02912	1.07119	.99378	.92505	.53646
.900	-2.989	.89992	.93654	.83309	.75709	.34829	1.01109	1.05356	.97367	.90298	.50835
.900	-1.985	.92158	.96034	.85893	.78349	.37719	.99330	1.03612	.95358	.88174	.48146
.900	-.993	.94089	.98289	.88254	.80816	.40467	.97571	1.01758	.93214	.85874	.45330
.900	.016	.96026	1.00315	.90566	.83284	.43201	.95742	.99888	.91056	.83562	.42631
.899	1.005	.97854	1.02220	.92825	.85689	.45883	.93744	.97766	.88763	.81102	.39825
.900	2.005	.99619	1.04035	.95102	.88213	.48677	.91772	.95517	.86482	.78701	.37087
.900	2.998	1.01396	1.05778	.97172	.90438	.51337	.89712	.93164	.84069	.76181	.34301
.900	4.000	1.03231	1.07486	.99269	.92711	.54161	.87586	.90919	.81490	.73550	.31551
GRADIENT		.01907	.02006	.02299	.02446	.02753	-.01911	-.02029	-.02231	-.02369	-.02765

RUN NO. 1266/ 0 RN/L = 2.51 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.250	-3.985	1.09100	1.12977	1.02894	.95531	.58208	1.22911	1.27342	1.19771	1.13040	.76782
1.250	-2.987	1.11167	1.15102	1.05167	.97836	.60695	1.21341	1.25753	1.17916	1.11048	.74411
1.250	-1.986	1.12939	1.17176	1.07348	1.00077	.63097	1.19527	1.24003	1.15955	1.08976	.71990
1.250	-.981	1.14760	1.19210	1.09539	1.02388	.65558	1.17815	1.22273	1.14012	1.06876	.69578
1.250	.015	1.16441	1.20982	1.11571	1.04486	.67845	1.16052	1.20513	1.12000	1.04694	.67183
1.250	1.008	1.18317	1.22848	1.13722	1.06737	.70277	1.14362	1.18629	1.09962	1.02531	.64828
1.250	2.003	1.20027	1.24607	1.15869	1.09039	.72683	1.12560	1.16552	1.07812	1.00288	.62410
1.250	2.999	1.21618	1.26189	1.17834	1.11284	.75057	1.10639	1.14425	1.05628	.98057	.60026
1.250	4.000	1.23275	1.27759	1.19694	1.13347	.77499	1.08618	1.12358	1.03304	.95639	.57515
GRADIENT		.01767	.01852	.02112	.02236	.02408	-.01782	-.01879	-.02056	-.02177	-.02408

RUN NO. 1261/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.400	-3.988	1.10209	1.16077	1.05092	.97383	.59498	1.25634	1.31730	1.23319	1.16043	.78857
1.399	-2.980	1.12381	1.18228	1.07412	.99743	.61936	1.23795	1.29948	1.21237	1.13872	.76333
1.400	-1.984	1.14339	1.20556	1.09767	1.02102	.64415	1.21777	1.28096	1.19229	1.11722	.73863
1.400	-.986	1.16267	1.22728	1.12052	1.04461	.66914	1.19844	1.26278	1.17102	1.09441	.71312
1.400	.019	1.18277	1.24768	1.14272	1.06756	.69391	1.17955	1.24319	1.14919	1.07064	.68810
1.400	1.008	1.20165	1.26727	1.16529	1.09038	.71808	1.15865	1.22076	1.12579	1.04657	.66269
1.400	2.000	1.22070	1.28602	1.18901	1.11535	.74367	1.13897	1.19876	1.10367	1.02363	.63901
1.400	3.001	1.23897	1.30251	1.20961	1.13949	.76874	1.11855	1.17623	1.08049	.99388	.61499
1.400	4.001	1.25977	1.32112	1.23055	1.16260	.79504	1.09801	1.15432	1.05644	.97528	.59077
GRADIENT		.01954	.02010	.02259	.02365	.02500	-.01986	-.02052	-.02214	-.02326	-.02482

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF

(SCMO18) (03 OCT 91)

PARAMETRIC DATA

ALPHA = .000 PHI = 90.000

RUN NO. 1228/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.449	-3.987	1.07947	1.15777	1.04441	.96818	.59507	1.24080	1.31734	1.23374	1.16148	.78714
1.450	-2.980	1.09974	1.17973	1.06906	.99312	.61979	1.22024	1.30240	1.21514	1.14094	.76148
1.450	-1.985	1.12171	1.20555	1.09374	1.01781	.64510	1.20114	1.28555	1.19525	1.11920	.73588
1.450	-.992	1.14338	1.22943	1.11797	1.04183	.66975	1.18080	1.26747	1.17367	1.09463	.70992
1.450	.016	1.16456	1.25150	1.14197	1.06632	.69445	1.16085	1.24917	1.15043	1.06945	.68557
1.450	1.009	1.18869	1.27555	1.16713	1.09114	.72066	1.14156	1.22497	1.12693	1.04625	.66186
1.450	2.006	1.20547	1.29334	1.19208	1.11656	.74537	1.11790	1.19995	1.10323	1.02191	.63617
1.450	2.996	1.22623	1.30768	1.21249	1.14139	.77035	1.09717	1.17688	1.07942	.99709	.61141
1.450	3.997	1.24880	1.32630	1.23252	1.16393	.79635	1.07594	1.15342	1.05374	.97178	.58591
GRADIENT		.02121	.02138	.02387	.02464	.02520	-.02062	-.02082	-.02269	-.02395	-.02511

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF

(SCMO19) (03 OCT 91)

PARAMETRIC DATA

ALPHA = .000 PHI = -90.000

RUN NO. 1224/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
.900	4.025	1.02886	1.07248	.98917	.92315	.53720	.87978	.91419	.81951	.74020	.32025
.900	3.016	1.01074	1.05528	.96861	.90119	.50992	.90042	.93629	.84306	.76444	.34660
.900	2.005	.99290	1.03781	.94757	.87816	.48265	.92125	.95870	.86775	.79031	.37478
.900	1.000	.97495	1.01922	.92438	.85241	.45496	.94104	.98174	.89195	.81557	.40306
.900	-.016	.95633	.99972	.90119	.82768	.42747	.95996	1.00196	.91404	.83949	.43030
.900	-1.012	.93719	.97875	.87834	.80366	.40030	.97859	1.02083	.93590	.86277	.45779
.900	-2.013	.91696	.95625	.85473	.77905	.37301	.99611	1.03911	.95676	.88514	.48509
.900	-3.023	.89583	.93423	.83030	.75364	.34495	1.01387	1.05645	.97688	.90640	.51236
.900	-4.039	.87427	.91066	.80422	.72702	.31671	1.03125	1.07316	.99647	.92810	.54028
GRADIENT		.01908	.02009	.02295	.02440	.02732	-.01876	-.01980	-.02203	-.02341	-.02736

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF (SCM019) (03 OCT 91)

PARAMETRIC DATA

ALPHA = .000 PHI = -90.000

RUN NO. 1169/ 0		RN/L = 2.50		GRADIENT INTERVAL = -5.00/ 5.00		CPL		CPC10	CPC11	CPC12	CP04
MACH	BETA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CP04
1.250	4.023	1.23087	1.27589	1.19354	1.12895	.76921	1.09149	1.12910	1.03816	.96040	.57972
1.250	3.010	1.21359	1.25860	1.17358	1.10761	.74486	1.11028	1.14918	1.05974	.98291	.60371
1.250	2.001	1.19666	1.24251	1.15423	1.08628	.72154	1.12935	1.17087	1.08357	1.00745	.62839
1.250	.995	1.17894	1.22516	1.13318	1.06267	.69708	1.14741	1.19119	1.10498	1.03009	.65285
1.250	-.013	1.16250	1.20855	1.11270	1.04100	.67407	1.16570	1.21012	1.12565	1.05218	.67727
1.250	-1.009	1.14522	1.18919	1.09081	1.01848	.65001	1.18354	1.22835	1.14575	1.07361	.70122
1.250	-2.027	1.12612	1.16746	1.06864	.99566	.62516	1.20009	1.24561	1.16542	1.09436	.72503
1.250	-3.024	1.10759	1.14707	1.04696	.97352	.60136	1.21620	1.26149	1.18420	1.11468	.74836
1.250	-4.043	1.08755	1.12604	1.02401	.95000	.57688	1.23284	1.27720	1.20286	1.13534	.77338
GRADIENT		.01764	.01854	.02104	.02223	.02383	-.01756	-.01847	-.02047	-.02172	-.02400

RUN NO. 1188/ 0		RN/L =		2.50		GRADIENT INTERVAL =		-5.00/		5.00		CPC11		CPC12		CPC04	
MACH	BETA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CPC04						
1.400	4.025	1.25619	1.31981	1.22751	1.15756	.78801	1.10085	1.15956	1.06012	.97778	.59067						
1.400	3.024	1.23737	1.30158	1.20577	1.13461	.76286	1.12138	1.18052	1.08320	1.00171	.61460						
1.399	2.004	1.21662	1.28243	1.18354	1.10949	.73684	1.14082	1.20303	1.10741	1.02637	.63889						
1.399	.998	1.19708	1.26429	1.16087	1.08469	.71098	1.16078	1.22524	1.13093	1.05078	.66434						
1.400	-.019	1.17766	1.24472	1.13704	1.06073	.68609	1.18123	1.24626	1.15229	1.07366	.68940						
1.400	-1.004	1.15841	1.22328	1.11408	1.03775	.66214	1.20036	1.26623	1.17422	1.09667	.71430						
1.400	-2.024	1.13717	1.20013	1.09086	1.01397	.63745	1.21806	1.28441	1.19599	1.11988	.73978						
1.400	-3.015	1.11776	1.17818	1.06756	.99005	.61333	1.23709	1.30067	1.21553	1.14160	.76454						
1.400	-4.035	1.09728	1.15631	1.04352	.96577	.58951	1.25831	1.31980	1.23624	1.16379	.79137						
GRADIENT		.01973	.02035	.02289	.02382	.02467	-.01938	-.01995	-.02188	-.02312	-.02490						

RUN NO. 1202/ 0		RN/L = 2.49		GRADIENT INTERVAL = -5.00/ 5.00		CPL		CPC10		CPC11		CPC12		CPC04	
MACH	BETA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CPC04				
1.450	4.030	1.24092	1.31930	1.22747	1.15887	.78950	1.07793	1.15649	1.05658	.97556	.59329				
1.450	3.019	1.21965	1.30381	1.20788	1.13673	.76345	1.09793	1.17790	1.08020	.99959	.61738				
1.450	2.011	1.20136	1.28766	1.18650	1.11227	.73774	1.12010	1.20211	1.10421	1.02356	.64207				
1.450	1.005	1.18143	1.27026	1.16373	1.08735	.71256	1.14256	1.22784	1.12959	1.04858	.66786				
1.451	-.003	1.16181	1.25190	1.13954	1.06214	.68803	1.16482	1.25027	1.15375	1.07355	.69306				
1.450	-1.001	1.14104	1.22662	1.11395	1.03741	.66278	1.18687	1.27171	1.17636	1.09726	.71751				
1.450	-2.009	1.11708	1.20169	1.09082	1.01362	.63783	1.20361	1.29087	1.20007	1.12192	.74311				
1.450	-3.011	1.09772	1.18083	1.06812	.99062	.61421	1.22534	1.30695	1.21991	1.14558	.76886				
1.450	-4.025	1.07729	1.15648	1.04143	.96396	.58859	1.24908	1.32568	1.23881	1.16611	.79439				
GRADIENT		.02037	.02047	.02327	.02428	.02487	-.02118	-.02129	-.02297	-.02395	-.02503				

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF

(SCMO19) (03 OCT 91)

PARAMETRIC DATA

ALPHA = .000 PHI = -90.000

RUN NO. 1281/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.473	4.024	1.20331	1.31506	1.21758	1.14776	.78155	1.03217	1.15171	1.04924	.96775	.58513
1.473	3.007	1.17900	1.29392	1.19547	1.12444	.75614	1.05395	1.17422	1.07385	.99252	.60929
1.473	2.004	1.15451	1.27646	1.17489	1.10138	.73066	1.07311	1.19632	1.09834	1.01734	.63403
1.473	.993	1.13314	1.25911	1.15220	1.07796	.70511	1.09449	1.21877	1.12117	1.04151	.65983
1.473	- .010	1.11070	1.23964	1.12927	1.05452	.68008	1.11443	1.23993	1.14269	1.06343	.68401
1.473	-1.012	1.08858	1.21931	1.10642	1.03099	.65484	1.13607	1.26062	1.16521	1.08695	.70888
1.474	-2.014	1.07030	1.19696	1.08371	1.00763	.62991	1.16091	1.28003	1.18728	1.11082	.73388
1.473	-3.021	1.05420	1.17362	1.06141	.98472	.60589	1.18797	1.30036	1.20923	1.13387	.75878
1.474	-4.040	1.03634	1.15161	1.03735	.96046	.58218	1.21329	1.31900	1.23204	1.15780	.78502
GRADIENT		.02079	.02010	.02238	.02323	.02484	-.02226	-.02082	-.02251	-.02346	-.02479

RUN NO. 1243/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.496	4.023	1.15095	1.32235	1.22603	1.15619	.78931	.96896	1.15684	1.05340	.97197	.58928
1.496	3.012	1.11161	1.30338	1.20276	1.12976	.76266	.97473	1.17800	1.07628	.99558	.61262
1.495	1.999	1.08355	1.28635	1.18046	1.10695	.73812	.99307	1.20423	1.10266	1.02131	.63812
1.496	.996	1.05509	1.26568	1.15547	1.08201	.71177	1.01287	1.22756	1.12584	1.04475	.66278
1.496	-.027	1.03133	1.24718	1.13327	1.05928	.68673	1.03677	1.24836	1.14975	1.06997	.68838
1.496	-1.013	1.01010	1.22488	1.10946	1.03464	.66000	1.06161	1.26509	1.16950	1.09131	.71166
1.496	-2.024	.99952	1.20415	1.08945	1.01338	.63612	1.09762	1.28682	1.19327	1.11676	.73879
1.496	-3.020	.99151	1.18009	1.06546	.98917	.61156	1.13288	1.30511	1.21370	1.13879	.76329
1.496	-4.039	.98216	1.15799	1.04053	.96436	.58767	1.16902	1.32662	1.23661	1.16226	.78947
GRADIENT		.02068	.02040	.02288	.02357	.02509	-.02537	-.02091	-.02268	-.02365	-.02488

RUN NO. 1289/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.520	4.024	.89859	1.31863	1.21587	1.14644	.78527	.72919	1.14803	1.04528	.96522	.58552
1.520	3.023	.87539	1.30636	1.19490	1.12352	.75970	.76657	1.16401	1.06833	.98999	.60833
1.520	1.988	.94665	1.31226	1.17598	1.10078	.73365	.90104	1.16139	1.09527	1.01781	.63320
1.520	.994	.99046	1.28862	1.15550	1.07708	.70735	.97176	1.19044	1.12564	1.04315	.65710
1.520	-.015	.98439	1.23065	1.13299	1.05388	.68273	.99143	1.24970	1.15185	1.06753	.68195
1.520	-1.006	.95258	1.18297	1.10630	1.02998	.65807	.98690	1.30038	1.17315	1.09138	.70772
1.520	-2.014	.78433	1.18780	1.07695	1.00307	.63348	.87092	1.29512	1.19273	1.11452	.73390
1.519	-3.016	.73586	1.17160	1.05207	.97854	.60894	.88158	1.30564	1.21347	1.13801	.75935
1.520	-4.040	.70855	1.15131	1.02735	.95424	.58498	.91528	1.32243	1.23405	1.16100	.78614
GRADIENT		.02548	.02364	.02368	.02395	.02490	-.01735	-.02483	-.02374	-.02433	-.02497

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF

(SCMO19) (03 OCT 91)

PARAMETRIC DATA

ALPHA = .000 PHI = -90.000

RUN NO. 1256/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.543	4.023	.93376	1.34236	1.20731	1.13609	.77575	.78246	1.04642	1.01735	.95090	.57754
1.544	3.016	.95319	1.36427	1.18899	1.11295	.75134	.84579	1.04850	1.05415	.98313	.60260
1.543	2.004	.95384	1.33694	1.16911	1.08860	.72491	.89025	1.05783	1.08996	1.01111	.62603
1.543	.993	.94587	1.22728	1.15034	1.06680	.69972	.92191	1.08814	1.12391	1.03712	.65078
1.544	-.016	.93182	1.13158	1.12916	1.04528	.67580	.94020	1.15585	1.15007	1.06039	.67580
1.544	-1.012	.90757	1.08252	1.10150	1.02218	.65181	.94707	1.26689	1.16929	1.08191	.70119
1.544	-2.025	.86958	1.06361	1.06927	.99632	.62741	.94778	1.35009	1.18653	1.10355	.72661
1.544	-3.021	.81818	1.05291	1.03538	.96837	.60377	.94102	1.35294	1.20224	1.12411	.75127
1.544	-4.040	.72117	1.07445	1.00652	.93952	.58003	.90354	1.32712	1.22050	1.14698	.77812
	GRADIENT	.02419	.04464	.02503	.02398	.02430	-.01507	-.04631	-.02475	-.02378	-.02482

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF

(SCMO20) (03 OCT 91)

PARAMETRIC DATA

ALPHA = .000 PHI = -90.000

RUN NO. 1273/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
.900	4.025	1.02887	1.07193	.98871	.92297	.53642	.87958	.91351	.81865	.73942	.31915
.900	3.016	1.01121	1.05537	.96872	.90138	.51003	.90082	.93645	.84317	.76450	.34668
.900	1.999	.99304	1.03761	.94763	.87848	.48253	.92172	.95901	.86772	.79021	.37464
.900	.995	.97530	1.01908	.92447	.85272	.45495	.94144	.98173	.89198	.81551	.40307
.900	-.022	.95643	.99955	.90114	.82784	.42715	.96057	1.00213	.91422	.83953	.43033
.900	-1.012	.93764	.97885	.87831	.80419	.40057	.97929	1.02104	.93596	.86289	.45781
.900	-2.018	.91762	.95610	.85467	.77927	.37247	.99687	1.03915	.95680	.88489	.48483
.900	-3.018	.89686	.93456	.83089	.75446	.34535	1.01471	1.05696	.97745	.90680	.51273
.899	-4.039	.87523	.91120	.80485	.72807	.31691	1.03241	1.07424	.99741	.92892	.54074
	GRADIENT	.01898	.02001	.02286	.02429	.02726	-.01889	-.01994	-.02219	-.02354	-.02748

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF

(SCMO20) (03 OCT 91)

PARAMETRIC DATA

ALPHA = .000 PHI = -90.000

RUN NO. 1267/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.249	4.020	1.23003	1.27484	1.19282	1.12856	.76921	1.09138	1.12911	1.03785	.96106	.58033
1.250	3.018	1.21320	1.25820	1.17337	1.10766	.74566	1.11067	1.14964	1.06006	.98425	.60483
1.250	1.999	1.19654	1.24174	1.15426	1.08608	.72216	1.13015	1.17107	1.08360	1.00863	.62958
1.250	.993	1.17815	1.22394	1.13271	1.06242	.69718	1.14757	1.19079	1.10492	1.03106	.65372
1.250	-.015	1.16016	1.20641	1.11113	1.03954	.67313	1.16437	1.20813	1.12407	1.05172	.67687
1.249	-1.016	1.14392	1.18778	1.08989	1.01786	.65021	1.18349	1.22760	1.14469	1.07356	.70138
1.250	-2.017	1.12491	1.16606	1.06778	.99490	.62549	1.19903	1.24419	1.16384	1.09370	.72459
1.250	-3.025	1.10653	1.14582	1.04678	.97316	.60162	1.21575	1.26054	1.18313	1.11465	.74875
1.250	-4.044	1.08565	1.12427	1.02316	.94924	.57639	1.23160	1.27566	1.20126	1.13479	.77318
	GRADIENT	.01779	.01865	.02109	.02230	.02389	-.01737	-.01824	-.02024	-.02149	-.02384

RUN NO. 1262/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.400	4.019	1.25726	1.31910	1.22750	1.15836	.79026	1.10248	1.15981	1.06110	.97960	.59339
1.400	3.006	1.23791	1.30049	1.20584	1.13512	.76470	1.12291	1.18131	1.08395	1.00342	.61777
1.400	1.998	1.21804	1.28198	1.18455	1.11102	.73953	1.14241	1.20367	1.10792	1.02800	.64222
1.400	.997	1.19805	1.26393	1.16189	1.08670	.71433	1.16219	1.22549	1.13128	1.05235	.66743
1.400	-.020	1.17876	1.24441	1.13811	1.06228	.68919	1.18222	1.24554	1.15245	1.07475	.69186
1.400	-1.014	1.15974	1.22308	1.11505	1.03910	.66505	1.20218	1.26633	1.17456	1.09775	.71723
1.400	-2.020	1.13924	1.20020	1.09260	1.01616	.64057	1.22000	1.28465	1.19612	1.12095	.74246
1.400	-3.021	1.12024	1.17911	1.07053	.99344	.61700	1.23975	1.30176	1.21635	1.14306	.76765
1.400	-4.041	1.09741	1.15557	1.04442	.96696	.59162	1.25870	1.31881	1.23538	1.16368	.79277
	GRADIENT	.01968	.02025	.02268	.02366	.02460	-.01939	-.01988	-.02177	-.02297	-.02481

RUN NO. 1231/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.450	4.014	1.24151	1.31958	1.22792	1.15966	.78979	1.07888	1.15730	1.05718	.97647	.59381
1.450	3.013	1.22254	1.30532	1.20894	1.13767	.76445	1.09972	1.17880	1.08133	1.00098	.61812
1.450	1.994	1.20231	1.28821	1.18674	1.11276	.73846	1.12125	1.20334	1.10596	1.02535	.64328
1.450	.999	1.18246	1.27058	1.16448	1.08817	.71310	1.14372	1.22905	1.13098	1.05066	.66904
1.451	-.025	1.16218	1.25151	1.13960	1.06254	.68791	1.16616	1.25101	1.15418	1.07479	.69380
1.450	-1.012	1.14090	1.22609	1.11386	1.03779	.66319	1.18698	1.27244	1.17681	1.09805	.71793
1.451	-2.015	1.11847	1.20263	1.09140	1.01494	.63876	1.20450	1.29162	1.20109	1.12353	.74357
1.450	-3.027	1.09781	1.18007	1.06725	.98985	.61345	1.22581	1.30622	1.21988	1.14613	.76903
1.450	-4.057	1.07680	1.15655	1.04107	.96399	.58819	1.24927	1.32592	1.23920	1.16705	.79544
	GRADIENT	.02056	.02058	.02339	.02436	.02497	-.02101	-.02112	-.02283	-.02385	-.02497

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF

(SCMO21) (03 OCT 91)

PARAMETRIC DATA

$$\text{BETA} = .000 \quad \text{PHI} = .000$$
[illegible]

	RUN NO.	1175/	O	RN/L =	2.50	GRADIENT INTERVAL =	-5.00/	5.00		
MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12
1.350	.017	1.17725	1.23271	1.13123	1.05697	.68352	1.18061	1.23640	1.14692	1.06996
1.350	-4.028	1.15815	1.21437	1.11760	1.04806	.67374	1.16078	1.21314	1.12793	1.05656
GRADIENT		.00472	.00453	.00337	.00220	.00342	.00490	.00575	.00470	.00331

RUN NO. 1233/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00											
MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CP03	CPL	CPC10	CPC11	CPC12	CP04
1.470	.010	1.11040	1.23661	1.12562	1.05209	.68045	1.11589	1.24153	1.14489	1.06536	.68446
1.470	-4.025	1.10001	1.22061	1.11361	1.04182	.67295	1.10409	1.21835	1.12743	1.05470	.67602
GRADIENT		.00058	.00396	.00323	.00254	.00186	.00292	.00577	.00433	.00264	.00209

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CPC04
1.519	.009	.98666	1.23425	1.13369	1.05438	.68096	.99026	1.24542	1.15131	1.06753	.68443
1.519	-4.019	.78724	1.22622	1.10493	1.03401	.66984	.79584	1.22332	1.12232	1.04767	.67421
	GRADIENT	.04951	.00199	.00714	.00506	.00276	.04826	.00539	.00720	.00493	.00254

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF

(5CMB022) (03 OCT 91)

PARAMETRIC DATA

$$\text{BETA} = .000 \quad \text{PHI} = 180.000$$
[illegible]

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF

(SCMO22) (03 OCT 91)

PARAMETRIC DATA

$$\text{BETA} = .000 \quad \text{PHI} = 180.000$$

RUN NO.	1176/ 0	RN/L =	2.50	GRADIENT INTERVAL =	-5.00/ 5.00
---------	---------	--------	------	---------------------	-------------

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CP03	CPL	CPC10	CPC11	CPC12	CP04
1.350	-.014	1.18093	1.23768	1.13655	1.06249	.69035	1.17666	1.23096	1.14109	1.06391	.68179
1.350	4.015	1.15987	1.21518	1.12212	1.05283	.68139	1.15577	1.21154	1.12718	1.05217	.67290
	GRADIENT	-.00523	-.00559	-.00358	-.00240	-.00222	-.00518	-.00482	-.00345	-.00392	-.00221

RUN NO.	1234/ 0	RN/L = 2.50	GRADIENT INTERVAL = -5.00/ 5.00
---------	---------	-------------	---------------------------------

MACH	ALPHA	CPR	CPC7	CPC8	CPG9	CP03	CPL	CPC10	CPC11	CPC12	CP04
1.470	- .017	1.11631	1.24349	1.13266	1.05748	.68632	1.10983	1.23508	1.13906	1.06020	.67847
1.470	4.028	1.10351	1.22077	1.12001	1.04905	.67838	1.09739	1.21594	1.12537	1.04871	.67092
	GRADIENT	-.00316	-.00562	-.00313	-.00209	-.00196	-.00308	-.00473	-.00338	-.00284	-.00187

RUN NO. 1246/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

	ALPHA	CPR	CPC7	CPC8	CPC9	CP03	CPL	CPC10	CPC11	CPC12	CP04
MACH	1.519	.90243	1.24736	1.13822	1.05918	.68593	.98766	1.23321	1.14664	1.06304	.67936
	1.519	1.0856	1.22658	1.10856	1.03840	.67721	.79495	1.22446	1.12489	1.04659	.66914
GRADIENT	4.022	-.04660	-.00515	-.00734	-.00216	-.00772	-.00472	-.00217	-.00539	-.00407	-.00253

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF

(SCMO23) (03 OCT 91)

PARAMETRIC DATA

$$\text{BETA} = .000 \quad \text{PHI} = 180.000$$

RUN NO.	1249/ 0	RN/L =	2.50	GRADIENT INTERVAL =	-5.00/ 5.00
---------	---------	--------	------	---------------------	-------------

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CP03	CPL	CPC10	CPC11	CPC12	CP04
1.519	- .016	.99021	1.24595	1.13715	1.05809	.68483	.98725	1.23149	1.14544	1.06177	.67824
1.520	4.022	.80385	1.22749	1.10979	1.03961	.67840	.79671	1.22529	1.12607	1.04765	.67014
	GRADIENT	-.04615	-.00457	-.00678	-.00458	-.00159	-.04718	-.00154	-.00480	-.00350	-.00201

IA310 (AEDC 16TF-783) FLOW ANGULARITIES-FAIR OFF

(SCMO25) (03 OCT 91)

PARAMETRIC DATA

$$\text{ALPHA} = .000 \quad \text{PHI} = -90.000$$

RUN NO.	1178/ 0	RN/L =	2.50	GRADIENT INTERVAL =	-5.00/ 5.00
---------	---------	--------	------	---------------------	-------------

MACH	BETA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.350	-2.013	1.14078	1.19296	1.08705	1.01071	.63484	1.21903	1.27246	1.18680	1.11271	.73670
1.350	2.022	1.21543	1.27083	1.17489	1.02079	.73456	1.14356	1.19405	1.10141	1.02195	.63694
	GRADIENT	0.1850	0.02177	0.02177	.02282	.02282	-.01871	-.01944	-.02117	-.02250	-.02473

RUN NO.	1236/ 0	RN/L =	2.50	GRADIENT INTERVAL =	-5.00/ 5.00
---------	---------	--------	------	---------------------	-------------

	BETA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
MACH	1.471	1.07206	1.19752	1.08386	1.00769	.63030	1.16207	1.27969	1.18730	1.11082	.73394
	-2.009	1.15693	1.27682	1.17522	1.10170	.73177	1.07476	1.19554	1.09777	1.01683	.63374
	2.025										
GRADIENT	.02104	.01966	.02264	.02264	.02330	.02515	-.02164	-.02086	-.02219	-.02330	-.02484

RUN NO.	1248/ 0	RN/L =	2.50	GRADIENT INTERVAL =	-5.00/ 5.00
---------	---------	--------	------	---------------------	-------------

	BETA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
MACH	1.519	-2.009	1.18920	1.07617	1.00270	.63274	.86825	1.29256	1.19238	1.11384	.73318
	1.519	2.031	1.30641	1.17455	1.10034	.73352	.88618	1.16597	1.09294	1.01527	.63096
		GRADIENT	.03807	.02435	.02417	.02494	.00444	-.03133	-.02461	-.02440	-.02530

IA310 (AEDC 16TF-783) PORT MISORIENT-FAIRING OFF (SCM026) (03 OCT 91)

PARAMETRIC DATA

RUN NO. 1293/ O		RN/L = 2.50		GRADIENT INTERVAL = -5.00/ 5.00		ALPHA =		.000 BETA =		.000	
MACH	PHI	CPR	CPC7	CPC8	CPC9	CP03	CPL	CPC10	CPC11	CPC12	CP04
.599	-1.983	.82777	.87015	.77057	.69604	.30094	.83474	.87469	.78637	.71046	.30645
.599	-1.746	.82854	.87079	.77122	.69684	.30164	.83548	.87542	.78705	.71125	.30739
.600	-1.508	.82615	.86820	.76871	.69447	.30060	.83326	.87315	.78506	.70954	.30667
.599	-1.271	.82769	.86989	.77026	.69579	.30025	.83499	.87509	.78666	.71097	.30694
.600	- .993	.82660	.86870	.76934	.69506	.30079	.83375	.87359	.78543	.70978	.30660
.600	- .716	.82714	.86948	.76995	.69575	.30152	.83453	.87445	.78635	.71080	.30768
.600	- .479	.82628	.86885	.76943	.69505	.30030	.83346	.87348	.78524	.70963	.30600
.600	- .241	.82674	.86933	.76984	.69561	.30111	.83407	.87428	.78619	.71048	.30704
.599	- .003	.82602	.86865	.76907	.69487	.30062	.83348	.87348	.78536	.70968	.30648
.600	.234	.82657	.86915	.76970	.69544	.30128	.83391	.87398	.78587	.71031	.30728
.599	.472	.82813	.87070	.77087	.69635	.30102	.83548	.87553	.78709	.71127	.30686
.600	.749	.82722	.86989	.77019	.69586	.30086	.83462	.87481	.78659	.71087	.30692
.599	.987	.82728	.86996	.77005	.69575	.30058	.83459	.87490	.78648	.71078	.30662
.600	1.224	.82637	.86884	.76917	.69497	.30072	.83391	.87408	.78593	.71032	.30720
.600	1.501	.82687	.86919	.76952	.69527	.30067	.83435	.87438	.78623	.71055	.30688
.599	1.739	.82745	.86979	.77025	.69571	.30073	.83508	.87509	.78676	.71107	.30706
.599	1.977	.82794	.87025	.77050	.69617	.30103	.83503	.87484	.78655	.71073	.30677
	GRADIENT	- .00002	.00004	- .00002	- .00001	- .00004	.00008	.00011	.00011	.00011	.00002

RUN NO. 1298/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	PHI	CPR	CPC7	CPC8	CPC9	CP03	CPL	CPC10	CPC11	CPC12	CP04
.900	-2.023	.95570	.99904	.90094	.82756	.42657	.96128	1.00287	.91536	.83992	.43129
.900	-1.746	.95565	.99924	.90103	.82763	.42658	.96128	1.00310	.91560	.84015	.43147
.900	-1.508	.95531	.99878	.90061	.82732	.42630	.96080	1.00243	.91504	.83958	.43102
.900	-1.271	.95568	.99915	.90102	.82771	.42669	.96125	1.00291	.91544	.84000	.43130
.900	- .993	.95556	.99900	.90087	.82754	.42669	.96116	1.00275	.91530	.83992	.43137
.900	- .756	.95614	.99977	.90168	.82827	.42718	.96177	1.00352	.91607	.84065	.43192
.900	- .518	.95532	.99881	.90074	.82725	.42651	.96100	1.00272	.91527	.83987	.43138
.900	- .241	.95617	.99968	.90154	.82800	.42708	.96171	1.00350	.91602	.84063	.43196
.900	- .003	.95547	.99894	.90066	.82719	.42621	.96117	1.00286	.91548	.83996	.43134
.900	.234	.95535	.99884	.90061	.82715	.42621	.96102	1.00265	.91517	.83973	.43096
.900	.472	.95606	.99968	.90162	.82803	.42703	.96160	1.00328	.91585	.84047	.43166
.900	.709	.95535	.99893	.90077	.82734	.42638	.96120	1.00276	.91532	.83988	.43118
.900	.987	.95582	.99926	.90101	.82756	.42655	.96152	1.00310	.91570	.84021	.43151
.900	1.224	.95548	.99911	.90090	.82745	.42657	.96125	1.00295	.91544	.84005	.43140
.900	1.462	.95580	.99925	.90114	.82760	.42681	.96149	1.00301	.91555	.84021	.43166
.900	1.739	.95568	.99926	.90107	.82760	.42674	.96153	1.00320	.91579	.84039	.43178
.900	1.977	.95540	.99891	.90079	.82733	.42651	.96105	1.00262	.91517	.83982	.43122
	GRADIENT	- .00001	.00001	- .00000	- .00004	.00000	.00004	.00002	.00003	.00004	.00004

IA310 (AEDC 16TF-783) PORT MISORIENT-FAIRING OFF

(SCM026) (03 OCT 91)

PARAMETRIC DATA

ALPHA = .000 BETA = .000

RUN NO. 1304/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	PHI	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CPO4
1.250	-1.983	1.16210	1.20901	1.11369	1.04256	.67475	1.16616	1.21021	1.12549	1.05256	.67832
1.250	-1.746	1.16146	1.20834	1.11295	1.04205	.67424	1.16558	1.20971	1.12493	1.05209	.67786
1.249	-1.508	1.16169	1.20831	1.11282	1.04192	.67406	1.16576	1.20990	1.12517	1.05222	.67780
1.250	-1.231	1.16199	1.20883	1.11336	1.04244	.67454	1.16608	1.21030	1.12555	1.05261	.67820
1.250	-.993	1.16176	1.20864	1.11311	1.04221	.67446	1.16588	1.20990	1.12521	1.05235	.67808
1.249	-.756	1.16209	1.20904	1.11360	1.04256	.67454	1.16624	1.21041	1.12562	1.05271	.67826
1.250	-.518	1.16167	1.20854	1.11303	1.04211	.67429	1.16580	1.20995	1.12519	1.05224	.67799
1.250	-.241	1.16128	1.20822	1.11275	1.04182	.67408	1.16542	1.20961	1.12494	1.05203	.67786
1.250	-.003	1.16181	1.20877	1.11335	1.04235	.67451	1.16596	1.21007	1.12546	1.05247	.67822
1.250	.234	1.16185	1.20860	1.11317	1.04224	.67445	1.16600	1.21003	1.12535	1.05239	.67814
1.250	.472	1.16220	1.20901	1.11350	1.04264	.67479	1.16620	1.21034	1.12565	1.05273	.67849
1.250	.709	1.16182	1.20877	1.11332	1.04239	.67455	1.16592	1.21007	1.12543	1.05244	.67827
1.250	.987	1.16188	1.20869	1.11324	1.04231	.67445	1.16595	1.21001	1.12532	1.05237	.67816
1.250	1.224	1.16184	1.20889	1.11332	1.04234	.67448	1.16594	1.21017	1.12541	1.05244	.67817
1.250	1.501	1.16155	1.20865	1.11312	1.04221	.67426	1.16566	1.21000	1.12525	1.05226	.67800
1.250	1.739	1.16169	1.20850	1.11305	1.04214	.67428	1.16585	1.20984	1.12513	1.05214	.67794
1.250	1.977	1.16193	1.20860	1.11307	1.04221	.67439	1.16605	1.21010	1.12545	1.05249	.67815
	GRADIENT	-.00000	.00001	-.00002	.00000	-.00000	.00000	.00000	.00002	-.00000	.00002

RUN NO. 1310/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	PHI	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CPO4
1.400	-2.023	1.17826	1.24410	1.13720	1.06089	.68516	1.18228	1.24712	1.15366	1.07526	.69012
1.400	-1.746	1.17805	1.24387	1.13703	1.06072	.68497	1.18202	1.24697	1.15360	1.07519	.69003
1.400	-1.508	1.17811	1.24402	1.13702	1.06076	.68511	1.18207	1.24715	1.15365	1.07525	.69008
1.400	-1.231	1.17811	1.24396	1.13701	1.06069	.68497	1.18206	1.24701	1.15355	1.07513	.69000
1.400	-.993	1.17810	1.24418	1.13721	1.06096	.68523	1.18206	1.24731	1.15385	1.07540	.69031
1.400	-.756	1.17845	1.24443	1.13749	1.06111	.68523	1.18238	1.24752	1.15399	1.07555	.69031
1.400	-.518	1.17835	1.24425	1.13735	1.06101	.68522	1.18233	1.24730	1.15395	1.07553	.69031
1.400	-.241	1.17850	1.24443	1.13739	1.06113	.68522	1.18248	1.24752	1.15398	1.07554	.69031
1.400	-.003	1.17827	1.24414	1.13707	1.06085	.68493	1.18219	1.24726	1.15374	1.07534	.69004
1.400	.234	1.17781	1.24374	1.13674	1.06052	.68483	1.18176	1.24692	1.15353	1.07510	.68996
1.399	.472	1.17799	1.24389	1.13696	1.06064	.68471	1.18187	1.24694	1.15341	1.07500	.68970
1.400	.709	1.17791	1.24398	1.13687	1.06069	.68479	1.18177	1.24699	1.15348	1.07506	.68979
1.400	.987	1.17832	1.24393	1.13709	1.06089	.68525	1.18220	1.24709	1.15374	1.07531	.69025
1.400	1.224	1.17783	1.24401	1.13701	1.06073	.68492	1.18173	1.24702	1.15355	1.07516	.68991
1.400	1.462	1.17810	1.24395	1.13704	1.06075	.68502	1.18200	1.24699	1.15354	1.07513	.68997
1.400	1.739	1.17798	1.24400	1.13697	1.06070	.68478	1.18193	1.24701	1.15345	1.07497	.68983
1.400	1.977	1.17766	1.24354	1.13654	1.06031	.68454	1.18162	1.24662	1.15313	1.07474	.68953
1.399	GRADIENT	-.00009	-.00007	-.00009	-.00007	-.00010	-.00011	-.00008	-.00009	-.00009	-.00010

IA310 (AEDC 16TF-783) PORT MISORIENT-FAIRING OFF (SCM026) (03 OCT 91)

PARAMETRIC DATA

RUN NO. 1315/ 0		RN/L = 2.49		GRADIENT INTERVAL = -5.00/ 5.00		ALPHA =		BETA =			
MACH	PHI	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.545	-2.023	.93850	1.13518	1.13338	1.04866	.67449	.94382	1.16186	1.15468	1.06465	.67961
1.545	-1.746	.93811	1.13327	1.13260	1.04794	.67401	.94351	1.16061	1.15399	1.06412	.67909
1.545	-1.469	.93923	1.13500	1.13377	1.04880	.67455	.94447	1.16200	1.15495	1.06474	.67976
1.545	-1.271	.94000	1.13413	1.13389	1.04892	.67449	.94558	1.16101	1.15482	1.06483	.67980
1.544	-.993	.93962	1.13653	1.13308	1.04848	.67422	.94499	1.16351	1.15433	1.06435	.67930
1.544	-.716	.93891	1.13520	1.13309	1.04844	.67411	.94427	1.16105	1.15410	1.06418	.67926
1.544	-.479	.93882	1.13578	1.13241	1.04774	.67381	.94435	1.16029	1.15347	1.06372	.67896
1.544	-.241	.93881	1.13574	1.13308	1.04842	.67403	.94433	1.16157	1.15433	1.06426	.67912
1.544	-.003	.93952	1.13626	1.13289	1.04825	.67395	.94508	1.16086	1.15411	1.06410	.67910
1.544	.234	.93824	1.13450	1.13235	1.04769	.67363	.94393	1.16041	1.15371	1.06374	.67883
1.544	.511	.93865	1.13435	1.13166	1.04706	.67306	.94437	1.15997	1.15307	1.06312	.67840
1.544	.749	.93772	1.13502	1.13198	1.04731	.67321	.94341	1.16060	1.15327	1.06345	.67854
1.544	.987	.93793	1.13479	1.13210	1.04754	.67339	.94331	1.16094	1.15324	1.06322	.67842
1.544	1.264	.93834	1.13633	1.13253	1.04783	.67354	.94384	1.16242	1.15363	1.06362	.67882
1.544	1.462	.93945	1.13504	1.13271	1.04783	.67353	.94471	1.16112	1.15361	1.06360	.67867
1.544	1.739	.93877	1.13494	1.13233	1.04758	.67327	.94415	1.16170	1.15318	1.06341	.67866
1.544	1.977	.93881	1.13613	1.13273	1.04781	.67359	.94447	1.16290	1.15330	1.06361	.67877
GRADIENT		-.00011	.00019	-.00030	-.00029	-.00031	-.00007	.00004	-.00038	-.00034	-.00028

IA310 (AEDC 16TF-783) PORT MISORIENT-FAIRING OFF

(SCMO27) (03 OCT 91)

PARAMETRIC DATA

ALPHA = -8.000 BETA = .000

RUN NO. 1294/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	PHI	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CP04
.599	-2.006	.70195	.75667	.68374	.62678	.25212	.70043	.74437	.68161	.62937	.24431
.599	-1.731	.70194	.75684	.68379	.62675	.25214	.70165	.74592	.68305	.63089	.24615
.600	-1.496	.70048	.75506	.68213	.62505	.25085	.70202	.74594	.68338	.63130	.24735
.599	-1.222	.70062	.75531	.68216	.62513	.25055	.70361	.74780	.68527	.63326	.24912
.599	-.986	.69910	.75368	.68020	.62307	.24776	.70355	.74763	.68501	.63293	.24837
.599	-.751	.69858	.75330	.67986	.62272	.24793	.70473	.74861	.68631	.63431	.25054
.599	-.477	.69741	.75274	.67935	.62196	.24702	.70447	.74884	.68664	.63455	.25082
.599	-.241	.69865	.75381	.68012	.62265	.24725	.70745	.75165	.68932	.63726	.25316
.600	-.006	.69695	.75166	.67801	.62073	.24591	.70690	.75115	.68912	.63714	.25389
.599	.229	.69721	.75190	.67797	.62050	.24488	.70920	.75327	.69100	.63908	.25531
.599	.504	.69488	.74973	.67587	.61840	.24278	.70765	.75188	.68988	.63772	.25454
.600	.739	.69515	.75008	.67599	.61838	.24274	.70956	.75377	.69174	.63946	.25642
.599	.974	.69389	.74872	.67461	.61695	.24099	.70993	.75440	.69262	.64048	.25735
.599	1.210	.69243	.74760	.67327	.61555	.23927	.71007	.75455	.69273	.64057	.25746
.599	1.445	.69266	.74785	.67353	.61573	.23935	.71117	.75586	.69406	.64195	.25874
.599	1.719	.69194	.74682	.67249	.61467	.23804	.71292	.75728	.69580	.64372	.26082
.599	1.955	.68995	.74502	.67047	.61273	.23663	.71234	.75679	.69540	.64346	.26104
	GRADIENT	-.00290	-.00281	-.00323	-.00346	-.00400	.00308	.00321	.00354	.00355	.00408

RUN NO. 1300/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	PHI	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CP04
.900	-1.967	.85372	.90376	.82911	.76990	.38790	.85072	.89068	.82498	.76968	.37833
.900	-1.732	.85314	.90320	.82853	.76920	.38701	.85151	.89148	.82587	.77060	.37936
.900	-1.496	.85256	.90264	.82781	.76857	.38626	.85238	.89215	.82671	.77152	.38044
.900	-1.261	.85205	.90213	.82726	.76783	.38539	.85291	.89268	.82730	.77216	.38107
.900	-.987	.85104	.90135	.82639	.76690	.38428	.85375	.89371	.82840	.77338	.38254
.900	-.751	.85032	.90047	.82535	.76588	.38321	.85433	.89420	.82905	.77404	.38339
.900	-.516	.84958	.89975	.82447	.76497	.38207	.85493	.89491	.82978	.77477	.38422
.900	-.241	.84918	.89927	.82390	.76451	.38151	.85580	.89558	.83063	.77569	.38538
.900	-.006	.84904	.89920	.82367	.76423	.38109	.85704	.89699	.83200	.77721	.38693
.900	.229	.84758	.89768	.82218	.76289	.37966	.85691	.89668	.83190	.77709	.38709
.900	.504	.84758	.89775	.82191	.76271	.37919	.85804	.89798	.83318	.77840	.38830
.900	.739	.84652	.89664	.82087	.76143	.37775	.85838	.89839	.83358	.77890	.38895
.900	.974	.84620	.89648	.82056	.76111	.37725	.85954	.89951	.83510	.78044	.39056
.900	1.210	.84514	.89531	.81937	.75970	.37587	.86100	.90083	.83496	.78030	.39060
.900	1.445	.84525	.89533	.81934	.75982	.37596	.86125	.90108	.83627	.78178	.39232
.900	1.719	.84367	.89385	.81767	.75806	.37399	.86125	.90108	.83663	.78217	.39279
.900	1.955	.84347	.89375	.81754	.75797	.37384	.86144	.90143	.83699	.78250	.39322
	GRADIENT	-.00262	-.00259	-.00301	-.00308	-.00364	.00281	.00282	.00315	.00356	.00389

IA310 (AEDC 16TF-783) PORT MISORIENT-FAIRING OFF (SCMO27) (03 OCT 91)

PARAMETRIC DATA

ALPHA = -8.000 BETA = .000

RUN NO. 1305/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	PHI	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.250	-2.006	1.07666	1.12684	1.05265	.99442	.64161	1.07279	1.11379	1.04803	.99312	.63245
1.250	-1.731	1.07596	1.12618	1.05184	.99364	.64078	1.07367	1.11448	1.04898	.99405	.63353
1.250	-1.496	1.07540	1.12557	1.05120	.99297	.64001	1.07431	1.11518	1.04975	.99492	.63442
1.250	-1.221	1.07501	1.12527	1.05083	.99262	.63951	1.07468	1.11543	1.04999	.99516	.63467
1.250	-.986	1.07441	1.12443	1.04977	.99154	.63832	1.07611	1.11677	1.05142	.99675	.63640
1.250	-.751	1.07308	1.12330	1.04862	.99031	.63695	1.07603	1.11699	1.05178	.99706	.63672
1.250	-.516	1.07264	1.12303	1.04818	.98978	.63653	1.07684	1.11778	1.05263	.99798	.63781
1.250	-.241	1.07190	1.12195	1.04709	.98871	.63522	1.07735	1.11813	1.05303	.99844	.63826
1.250	-.006	1.07165	1.12180	1.04689	.98840	.63472	1.07841	1.11915	1.05409	.99957	.63943
1.250	.229	1.07086	1.12133	1.04618	.98768	.63390	1.07890	1.11971	1.05475	1.00020	.64012
1.250	.465	1.07048	1.12078	1.04555	.98706	.63337	1.07934	1.11999	1.05516	1.00066	.64072
1.250	.739	1.06970	1.11998	1.04464	.98614	.63224	1.08005	1.12088	1.05604	1.00168	.64196
1.250	.975	1.06929	1.11955	1.04420	.98560	.63164	1.08106	1.12180	1.05705	1.00270	.64305
1.250	1.210	1.06832	1.11886	1.04341	.98479	.63073	1.08111	1.12204	1.05731	1.00303	.64343
1.250	1.485	1.06834	1.11875	1.04316	.98455	.63039	1.08203	1.12288	1.05815	1.00397	.64431
1.250	1.720	1.06724	1.11774	1.04209	.98339	.62906	1.08279	1.12376	1.05915	1.00502	.64550
1.250	1.955	1.06657	1.11712	1.04139	.98262	.62823	1.08279	1.12371	1.05911	1.00493	.64548
GRADIENT		-.00252	-.00243	-.00282	-.00297	-.00337	.00259	.00260	.00287	.00308	.00339

RUN NO. 1311/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	PHI	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.399	-2.007	1.09868	1.16378	1.08038	1.01849	.65648	1.09320	1.14936	1.07612	1.01647	.64755
1.400	-1.732	1.09752	1.16286	1.07938	1.01758	.65532	1.09436	1.15071	1.07752	1.01805	.64929
1.400	-1.497	1.09752	1.16298	1.07920	1.01733	.65509	1.09587	1.15188	1.07894	1.01942	.65057
1.400	-1.261	1.09643	1.16203	1.07819	1.01633	.65399	1.09558	1.15159	1.07858	1.01912	.65038
1.400	-.987	1.09510	1.16050	1.07657	1.01471	.65237	1.09638	1.15234	1.07947	1.02010	.65155
1.399	-.752	1.09505	1.16068	1.07662	1.01469	.65211	1.09746	1.15353	1.08072	1.02135	.65267
1.400	-.516	1.09427	1.16003	1.07591	1.01393	.65178	1.09742	1.15352	1.08074	1.02148	.65300
1.400	-.242	1.09331	1.15901	1.07475	1.01281	.65029	1.09877	1.15477	1.08212	1.02293	.65447
1.400	-.007	1.09260	1.15828	1.07397	1.01197	.64960	1.09952	1.15552	1.08295	1.02380	.65557
1.400	.229	1.09188	1.15787	1.07347	1.01142	.64872	1.10018	1.15632	1.08361	1.02456	.65626
1.400	.464	1.09100	1.15663	1.07227	1.01023	.64758	1.10068	1.15639	1.08382	1.02488	.65674
1.400	.738	1.09072	1.15644	1.07192	1.00987	.64697	1.10186	1.15776	1.08487	1.02631	.65804
1.400	.974	1.09002	1.15568	1.07105	1.00887	.64621	1.10253	1.15841	1.08556	1.02711	.65885
1.400	1.209	1.08942	1.15532	1.07066	1.00855	.64562	1.10266	1.15858	1.08575	1.02730	.65905
1.400	1.484	1.08874	1.15468	1.06994	1.00768	.64464	1.10384	1.15971	1.08699	1.02858	.66040
1.400	1.719	1.08763	1.15357	1.06869	1.00644	.64342	1.10463	1.16035	1.08775	1.02947	.66138
1.400	1.994	1.08714	1.15306	1.06813	1.00594	.64279	1.10505	1.16054	1.08792	1.02959	.66170
GRADIENT		-.00287	-.00271	-.00307	-.00318	-.00344	.00292	.00280	.00291	.00328	.00351

IA310 (AEDC 16TF-783) PORT MISORIENT-FAIRING OFF (SCM027) (03 OCT 91)

PARAMETRIC DATA

ALPHA = -8.000 BETA = .000

RUN NO. 1316/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	PHI	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.543	-1.967	.74187	1.15211	1.06365	1.00417	.64785	.73802	1.13849	1.06098	1.00187	.64118
1.544	-1.732	.73648	1.15099	1.06293	1.00346	.64631	.73437	1.13900	1.06200	1.00297	.64192
1.543	-1.497	.73272	1.14861	1.06071	1.00131	.64395	.73286	1.13795	1.06141	1.00243	.64135
1.544	-1.222	.73507	1.14969	1.06141	1.00205	.64480	.73599	1.13979	1.06303	1.00406	.64319
1.544	-.987	.73454	1.14848	1.06010	1.00068	.64349	.73790	1.14089	1.06415	1.00528	.64443
1.543	-.751	.73385	1.14694	1.05822	.99877	.64153	.73863	1.14051	1.06374	1.00485	.64408
1.544	-.477	.73305	1.14659	1.05806	.99869	.64136	.73947	1.14108	1.06460	1.00573	.64509
1.543	-.242	.72900	1.14534	1.05672	.99731	.63984	.73781	1.14195	1.06559	1.00680	.64595
1.545	-.006	.73317	1.14625	1.05716	.99777	.64055	.74352	1.14441	1.06781	1.00907	.64854
1.544	.229	.72922	1.14459	1.05578	.99627	.63866	.74140	1.14403	1.06773	1.00900	.64828
1.544	.464	.72907	1.14406	1.05496	.99557	.63819	.74295	1.14492	1.06855	1.00996	.64942
1.544	.739	.72879	1.14389	1.05450	.99500	.63773	.74427	1.14612	1.06968	1.01107	.65065
1.544	.974	.72575	1.14196	1.05269	.99340	.63576	.74301	1.14565	1.06966	1.01129	.65037
1.543	1.209	.72498	1.14099	1.05176	.99229	.63448	.74426	1.14585	1.06985	1.01295	.65055
1.544	1.445	.72474	1.14138	1.05199	.99244	.63493	.74537	1.14746	1.07146	1.01295	.65235
1.543	1.719	.72414	1.13980	1.05029	.99086	.63332	.74705	1.14783	1.07206	1.01361	.65325
1.544	1.994	.72305	1.13979	1.05010	.99059	.63313	.74714	1.14893	1.07297	1.01459	.65429
	GRADIENT	-.00392	-.00304	-.00344	-.00345	-.00363	.00325	.00277	.00310	.00327	.00340

IA310 (AEDC 16TF-783) PORT MISORIENT-FAIRING OFF

(SCMO28) (03 OCT 91)

PARAMETRIC DATA

RUN NO.	1295/ 0	RN/L	= 2.49	GRADIENT INTERVAL	= -5.00/ 5.00	ALPHA	= .000	BETA	= -4.000
---------	---------	------	--------	-------------------	---------------	-------	--------	------	----------

[illegible][illegible]

IA310 (AEDC 16TF-783) PORT MISORIENT-FAIRING OFF

(SCMO28) (03 OCT 91)

PARAMETRIC DATA

ALPHA = .000 BETA = -4.000

RUN NO. 1307/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	PHI	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.250	88.000	1.08930	1.12826	1.02682	.95277	.57856	1.23223	1.27641	1.20056	1.13327	.77098
1.250	88.277	1.08868	1.12775	1.02667	.95277	.57783	1.23186	1.27600	1.20020	1.13285	.77062
1.249	88.516	1.08894	1.12820	1.02725	.95352	.57820	1.23223	1.27654	1.20073	1.13339	.77104
1.250	88.754	1.08918	1.12833	1.02733	.95362	.57833	1.23233	1.27665	1.20080	1.13345	.77115
1.249	89.032	1.08899	1.12817	1.02740	.95381	.57822	1.23222	1.27642	1.20067	1.13336	.77099
1.250	89.270	1.08914	1.12836	1.02763	.95387	.57843	1.23229	1.27672	1.20085	1.13355	.77123
1.250	89.548	1.08933	1.12850	1.02760	.95404	.57873	1.23235	1.27678	1.20092	1.13363	.77135
1.250	89.786	1.08886	1.12795	1.02697	.95320	.57812	1.23193	1.27641	1.20055	1.13327	.77085
1.250	90.024	1.08944	1.12836	1.02721	.95340	.57859	1.23256	1.27675	1.20094	1.13363	.77123
1.250	90.302	1.08935	1.12834	1.02713	.95325	.57894	1.23233	1.27670	1.20097	1.13362	.77137
1.250	90.540	1.08942	1.12805	1.02649	.95238	.57849	1.23245	1.27660	1.20071	1.13342	.77105
1.250	90.778	1.08935	1.12802	1.02630	.95216	.57869	1.23219	1.27650	1.20070	1.13339	.77106
1.250	91.017	1.08888	1.12755	1.02575	.95162	.57838	1.23160	1.27600	1.20021	1.13295	.77066
1.250	91.295	1.09006	1.12880	1.02681	.95274	.57967	1.23281	1.27723	1.20145	1.13427	.77188
1.250	91.533	1.08943	1.12795	1.02578	.95179	.57889	1.23210	1.27655	1.20076	1.13346	.77109
1.250	91.771	1.08878	1.12720	1.02497	.95087	.57811	1.23139	1.27578	1.20002	1.13268	.77028
1.250	92.049	1.08962	1.12806	1.02570	.95177	.57880	1.23224	1.27673	1.20088	1.13348	.77104
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

GRADIENT INTERVAL = -5.00/ 5.00

RUN NO. 1312/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	PHI	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.400	88.039	1.09939	1.15893	1.04727	.96965	.58878	1.25788	1.31901	1.23433	1.16127	.78780
1.400	88.277	1.09858	1.15832	1.04701	.96967	.58806	1.25761	1.31897	1.23428	1.16116	.78758
1.400	88.515	1.09901	1.15871	1.04752	.97014	.58846	1.25780	1.31924	1.23453	1.16143	.78789
1.400	88.753	1.09919	1.15883	1.04769	.97040	.58859	1.25796	1.31929	1.23455	1.16146	.78791
1.400	89.031	1.09873	1.15834	1.04736	.97016	.58834	1.25742	1.31874	1.23403	1.16094	.78751
1.400	89.269	1.09929	1.15903	1.04791	.97065	.58875	1.25799	1.31944	1.23470	1.16157	.78796
1.400	89.508	1.09901	1.15878	1.04762	.97033	.58878	1.25760	1.31894	1.23435	1.16123	.78772
1.400	89.785	1.09880	1.15822	1.04695	.96953	.58835	1.25737	1.31881	1.23406	1.16092	.78737
1.400	90.024	1.09871	1.15810	1.04665	.96918	.58828	1.25731	1.31860	1.23383	1.16069	.78709
1.400	90.262	1.09846	1.15780	1.04631	.96874	.58815	1.25699	1.31846	1.23372	1.16054	.78690
1.400	90.540	1.09959	1.15875	1.04697	.96926	.58910	1.25800	1.31947	1.23466	1.16154	.78780
1.400	90.778	1.09870	1.15774	1.04587	.96812	.58838	1.25700	1.31853	1.23374	1.16064	.78780
1.400	91.056	1.09903	1.15805	1.04611	.96841	.58875	1.25727	1.31867	1.23396	1.16077	.78726
1.400	91.254	1.09941	1.15807	1.04593	.96826	.58886	1.25762	1.31882	1.23411	1.16092	.78735
1.400	91.532	1.09935	1.15808	1.04583	.96814	.58902	1.25743	1.31883	1.23414	1.16100	.78741
1.400	91.770	1.09900	1.15743	1.04509	.96748	.58878	1.25707	1.31853	1.23380	1.16056	.78699
1.400	92.048	1.09967	1.15830	1.04590	.96840	.58949	1.25757	1.31915	1.23441	1.16130	.78766
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA310 (AEDC 16TF-783) PORT MISORIENT-FAIRING OFF

(SCMO28) (03 OCT 91)

PARAMETRIC DATA

[illegible]

IA310 (AEDC 16TF-783) PORT MISORIENT-FAIRING OFF

(SCMO29) (03 OCT 91)

PARAMETRIC DATA

$$\text{ALPHA} = .000 \quad \text{BETA} = 4.000$$

RUN NO.	1296/ 0	RN/L =	2.50	GRADIENT INTERVAL =	-5.00/ 5.00
---------	---------	--------	------	---------------------	-------------

[illegible]

RUN NO.	1302	0	RN/L	=	2.49	GRADIENT INTERVAL	=	-5.00	5.00
---------	------	---	------	---	------	-------------------	---	-------	------

[illegible]

IA310 (AEDC 16TF-783) PORT MISORIENT-FAIRING OFF

(SCMO29) (03 OCT 91)

PARAMETRIC DATA

$$\text{ALPHA} = .000 \quad \text{BETA} = 4.000$$

RUN NO.	1308/ 0	RN/L =	2.50	GRADIENT INTERVAL =	-5.00/ 5.00
---------	---------	--------	------	---------------------	-------------

[illegible]

RUN NO.	1313/ 0	RN/L =	2.49	GRADIENT INTERVAL =	-5.00/ 5.00
---------	---------	--------	------	---------------------	-------------

[illegible]

IA310 (AEDC 16TF-783) PORT MISORIENT-FAIRING OFF

(SCM029) (03 OCT 91)

PARAMETRIC DATA

ALPHA = .000 BETA = 4.000

RUN NO. 1318/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	PHI	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.543	88.025	.89869	1.32596	1.20688	1.13661	.77507	.74085	1.07142	1.02036	.95032	.58000
1.543	88.263	.89732	1.32464	1.20784	1.13767	.77619	.73831	1.07937	1.02173	.95071	.57994
1.544	88.502	.89874	1.32659	1.20768	1.13741	.77588	.73935	1.07273	1.02006	.94984	.57951
1.544	88.740	.89852	1.32521	1.20725	1.13712	.77574	.73934	1.07437	1.01998	.94958	.57922
1.543	89.018	.89763	1.32517	1.20708	1.13691	.77567	.73839	1.07323	1.01904	.94873	.57895
1.543	89.256	.89936	1.32682	1.20785	1.13750	.77594	.73999	1.07208	1.01978	.94949	.57937
1.543	89.494	.89931	1.32715	1.20730	1.13700	.77535	.73988	1.06802	1.01846	.94866	.57872
1.543	89.772	.89849	1.32583	1.20690	1.13666	.77517	.73933	1.07042	1.01829	.94820	.57842
1.544	90.010	.89979	1.32740	1.20813	1.13786	.77623	.74035	1.07132	1.01915	.94901	.57946
1.543	90.288	.89994	1.32637	1.20736	1.13722	.77560	.74077	1.07062	1.01852	.94831	.57872
1.543	90.526	.89881	1.32691	1.20737	1.13722	.77560	.73958	1.07019	1.01811	.94809	.57875
1.544	90.764	.89828	1.32519	1.20786	1.13773	.77628	.73925	1.07789	1.02043	.94945	.57962
1.543	91.042	.89953	1.32667	1.20756	1.13730	.77580	.74042	1.07076	1.01818	.94823	.57890
1.543	91.280	.89854	1.32629	1.20771	1.13755	.77595	.73952	1.07336	1.01890	.94861	.57900
1.543	91.519	.90017	1.32656	1.20753	1.13736	.77586	.74131	1.07198	1.01841	.94825	.57904
1.543	91.757	.89790	1.32605	1.20769	1.13758	.77586	.73890	1.07428	1.01884	.94837	.57909
1.543	92.035	.89818	1.32608	1.20731	1.13707	.77546	.73911	1.07246	1.01828	.94804	.57862
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE

(SCM030) (03 OCT 91)

PARAMETRIC DATA

BETA = -4.000 PHI = 180.000

RUN NO. 1351/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
.598	-8.099	.61364	.66773	.58723	.52579	.14349	.78171	.81944	.76635	.72130	.35236
.600	-7.097	.64547	.69593	.60891	.54470	.15718	.81121	.84788	.78880	.73886	.36648
.599	-6.117	.67066	.71787	.62548	.55922	.16583	.83527	.87242	.80813	.75381	.37743
.600	-5.142	.69280	.73740	.64071	.57221	.17471	.85631	.89306	.82455	.76622	.38603
.600	-4.164	.71131	.75408	.65410	.58340	.18179	.87295	.91004	.83781	.77605	.39360
.601	-3.198	.72530	.76581	.66368	.59027	.18733	.88612	.92334	.84846	.78422	.40088
.601	-2.235	.73432	.77467	.66748	.59039	.18921	.89629	.93414	.85760	.79093	.40569
.600	-1.264	.74071	.77960	.66858	.59194	.19086	.90514	.94324	.86571	.79758	.41138
.601	-.275	.74096	.77512	.66722	.59116	.19040	.90797	.94643	.86902	.80007	.41482
.600	.716	.73728	.77159	.66417	.58719	.18567	.90588	.94582	.86881	.79985	.41443
		.73321	.77396	.66267	.58665	.18479	.90428	.94556	.86997	.80159	.41723
	GRADIENT	.00347	.00258	.00102	.00015	.00024	.00525	.00593	.00538	.00424	.00388

IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE

(SCM030) (03 OCT 91)

PARAMETRIC DATA

BETA = -4.000 PHI = 180.000

RUN NO. 1341/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CPO4
.800	-8.063	.70553	.75449	.67014	.60681	.20665	.86894	.90553	.84971	.80204	.42294
.799	-7.056	.73336	.78035	.69074	.62431	.21883	.89425	.93086	.86947	.81674	.43391
.800	-6.067	.75610	.80140	.70707	.63836	.22880	.91621	.95288	.88695	.83020	.44312
.800	-5.088	.77614	.82002	.72172	.65055	.23663	.93488	.97235	.90228	.84163	.45161
.800	-4.103	.79280	.83510	.73423	.66068	.24377	.95013	.98783	.91450	.85083	.45908
.800	-3.132	.80553	.84643	.74159	.66773	.24865	.96159	1.00081	.92503	.85914	.46654
.800	-2.158	.81425	.85482	.74624	.66728	.25132	.97112	1.01092	.93362	.86571	.47196
.800	-1.185	.81949	.85930	.74717	.66902	.25270	.97750	1.01828	.93984	.87062	.47612
.800	-.188	.81964	.85546	.74635	.66795	.25196	.97943	1.02131	.94271	.87264	.47814
.800	.802	.81827	.85460	.74535	.66686	.25017	.97882	1.02177	.94377	.87366	.47935
.800	1.818	.81168	.85301	.74263	.66334	.24690	.97465	1.01825	.94154	.87218	.47895
GRADIENT		.00315	.00254	.00118	.00024	.00046	.00419	.00518	.00461	.00361	.00330

RUN NO. 1329/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CPO4
.900	-8.058	.77277	.81926	.73550	.67232	.27896	.92825	.96402	.90777	.85987	.48687
.900	-7.048	.79877	.84374	.75494	.68878	.29064	.95165	.98797	.92663	.87407	.49729
.899	-6.066	.81873	.86175	.76856	.70031	.29728	.97177	1.00865	.94286	.88594	.50499
.900	-5.081	.83824	.88063	.78367	.71341	.30664	.99018	1.02773	.95833	.89789	.51491
.900	-4.105	.85389	.89524	.79585	.72314	.31336	1.00420	1.04243	.97005	.90668	.52143
.900	-3.133	.86535	.90535	.80211	.72941	.31730	1.01453	1.05364	.97879	.91350	.52724
.900	-2.163	.87371	.91305	.80634	.72927	.31997	1.02301	1.06327	.98706	.92733	.53254
.900	-1.192	.87809	.91753	.80709	.73036	.32051	1.02831	1.06939	.99231	.92373	.53573
.900	-.197	.87874	.91373	.80688	.72953	.32053	1.03105	1.07299	.99569	.92654	.53864
.900	.789	.87718	.91306	.80584	.72849	.31870	1.03058	1.07342	.99676	.92744	.54005
.900	1.806	.87056	.91105	.80277	.72455	.31502	1.02607	1.06996	.99442	.92572	.53903
GRADIENT		.00283	.00229	.00103	.00009	.00029	.00382	.00477	.00426	.00332	.00306

RUN NO. 1320/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CPO4
1.098	-8.001	.92911	.97247	.89369	.83424	.47490	1.07411	1.10672	1.05365	1.00825	.66572
1.099	-6.974	.95294	.99454	.91130	.84923	.48497	1.09587	1.12980	1.07193	1.02259	.67630
1.100	-5.985	.97239	1.01245	.92487	.86127	.49333	1.11386	1.14863	1.08713	1.03385	.68504
1.100	-4.996	.98827	1.02782	.93703	.87134	.49992	1.12942	1.16474	1.09976	1.04324	.69160
1.101	-4.007	1.00148	1.03994	.94685	.87901	.50526	1.14063	1.17645	1.10918	1.04998	.69652
1.101	-3.022	1.01135	1.04959	.95272	.88455	.50895	1.14931	1.18644	1.11698	1.05601	.70144
1.100	-2.040	1.01872	1.05611	.95525	.88419	.51142	1.15621	1.19388	1.12318	1.06033	.70431
1.100	-1.036	1.02299	1.06017	.95751	.88567	.51284	1.16025	1.19897	1.12757	1.06357	.70652
1.100	-.075	1.02315	1.05717	.95879	.88677	.51297	1.16104	1.20050	1.12900	1.06456	.70742
1.100	.932	1.02276	1.05782	.95734	.88548	.51260	1.16032	1.20044	1.12941	1.06493	.70812
1.100	1.936	1.01693	1.05543	.95447	.88247	.50977	1.15564	1.19677	1.12680	1.06282	.70669
GRADIENT		.00417	.00372	.00234	.00142	.00143	.00386	.00471	.00398	.00290	.00221

IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE

(SCM030) (03 OCT 91)

PARAMETRIC DATA

BETA = -4.000 PHI = 180.000

RUN NO. 1365/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CPC4
1.249	-8.047	.99998	1.04738	.96454	.90403	.54476	1.14709	1.18294	1.12678	1.07814	.72995
1.250	-7.037	1.02240	1.06941	.98199	.91895	.55500	1.16615	1.20354	1.14256	1.09013	.73827
1.250	-6.046	1.04000	1.08578	.99427	.92933	.56121	1.18395	1.22265	1.15752	1.10122	.74646
1.250	-5.062	1.05504	1.10026	1.00563	.93849	.56721	1.19773	1.23698	1.16776	1.10825	.75163
1.250	-4.083	1.06889	1.11305	1.01640	.94697	.57345	1.20965	1.24907	1.17773	1.11609	.75770
1.250	-3.106	1.07811	1.12145	1.02131	.94919	.57660	1.21790	1.25868	1.18583	1.12267	.76230
1.250	-2.129	1.08492	1.12804	1.02359	.94997	.57898	1.22446	1.26686	1.19261	1.12766	.76628
1.250	-1.148	1.08806	1.13104	1.02517	.95156	.57968	1.22832	1.27184	1.19704	1.13078	.76857
1.250	-.153	1.08917	1.12804	1.02570	.95186	.57988	1.23110	1.27512	1.20009	1.13322	.77105
1.250	.842	1.08759	1.12764	1.02421	.95045	.57824	1.23008	1.27493	1.20036	1.13342	.77157
1.250	1.853	1.08307	1.12607	1.02201	.94816	.57635	1.22696	1.27241	1.19889	1.13255	.77170
GRADIENT		.00236	.00185	.00089	.00028	.00046	.00298	.00399	.00360	.00275	.00236

RUN NO. 1376/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CPC4
1.400	-8.008	1.01357	1.07815	.98673	.92283	.55900	1.17653	1.22398	1.15965	1.10595	.74856
1.400	-7.026	1.03509	1.09973	1.00359	.93733	.56852	1.19270	1.24278	1.17353	1.11570	.75465
1.400	-6.038	1.05258	1.11692	1.01639	.94829	.57520	1.20961	1.26156	1.18778	1.12646	.76276
1.400	-5.051	1.06609	1.13029	1.02677	.95668	.58003	1.22245	1.27632	1.19913	1.13486	.76864
1.400	-4.068	1.07849	1.14226	1.03446	.96227	.58529	1.23366	1.28984	1.21006	1.14307	.77428
1.400	-3.089	1.08732	1.15056	1.03881	.96273	.58812	1.24240	1.30038	1.21829	1.14907	.77846
1.400	-2.113	1.09420	1.15808	1.04308	.96583	.59038	1.24941	1.30882	1.22528	1.15437	.78275
1.400	-1.135	1.09839	1.16226	1.04509	.96803	.59138	1.25422	1.31439	1.23016	1.15839	.78578
1.400	-.134	1.09790	1.15622	1.04356	.96607	.59049	1.25565	1.31677	1.23256	1.16024	.78736
1.400	.856	1.09662	1.15621	1.04241	.96486	.58893	1.25510	1.31705	1.23333	1.16104	.78871
1.400	1.871	1.09194	1.15492	1.03929	.96199	.58714	1.25215	1.31495	1.23233	1.16026	.78874
GRADIENT		.00225	.00170	.00079	.00013	.00026	.00313	.00420	.00375	.00293	.00247

RUN NO. 1388/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CPC4
1.449	-8.093	1.00010	1.08111	.98866	.92591	.56470	1.16710	1.22503	1.15838	1.10495	.74798
1.450	-7.082	1.02093	1.10258	1.00532	.93973	.57328	1.17442	1.24573	1.17468	1.11701	.75663
1.450	-6.101	1.03665	1.11960	1.01775	.95006	.57872	1.20037	1.26504	1.18970	1.12743	.76511
1.450	-5.120	1.04983	1.13321	1.02781	.95780	.58386	1.21280	1.27904	1.20046	1.13557	.77141
1.450	-4.148	1.06067	1.14417	1.03449	.96156	.58835	1.22241	1.29261	1.21189	1.14668	.77659
1.450	-3.177	1.06913	1.15291	1.03884	.96287	.59063	1.23121	1.30496	1.22180	1.15194	.78132
1.450	-2.212	1.07428	1.15948	1.04088	.96456	.59142	1.23803	1.31371	1.22838	1.15654	.78520
1.450	-1.242	1.07912	1.16440	1.04344	.96672	.59218	1.24433	1.31992	1.23335	1.16111	.78939
1.450	-.246	1.07906	1.15777	1.04186	.96515	.59081	1.24688	1.32332	1.23645	1.16398	.79217
1.450	.742	1.07713	1.15645	1.04062	.96316	.58759	1.24671	1.32353	1.23675	1.16396	.79282
1.450	1.764	1.07205	1.15608	1.03716	.96009	.58556	1.24397	1.32239	1.23647	1.16346	.79339
GRADIENT		.00197	.00147	.00044	-.00013	-.00056	.00378	.00492	.00404	.00318	.00291

IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE

(SCMO30) (03 OCT 91)

PARAMETRIC DATA

BETA = -4.000 PHI = 180.000

RUN NO. 1433/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.471	-8.080	.97786	1.07809	.98338	.91900	.55858	1.15175	1.22838	1.16108	1.10567	.74323
1.471	-7.070	.99560	1.09914	.99978	.93316	.56776	1.16674	1.24948	1.17706	1.11640	.75021
1.471	-6.089	1.00897	1.11621	1.01191	.94337	.57353	1.18096	1.26733	1.18889	1.12490	.75814
1.471	-5.106	1.01983	1.12946	1.02100	.95078	.57848	1.18977	1.28023	1.19868	1.13241	.76431
1.470	-4.134	1.02746	1.14026	1.02678	.95270	.58191	1.19561	1.29058	1.20638	1.13796	.76755
1.471	-3.162	1.03473	1.15045	1.03218	.95706	.58556	1.20207	1.30056	1.21470	1.14407	.77295
1.470	-2.193	1.03848	1.15687	1.03566	.95980	.58589	1.20691	1.30754	1.22048	1.14853	.77638
1.471	-1.225	1.04032	1.16015	1.03826	.96156	.58585	1.20934	1.31296	1.22510	1.15171	.77857
1.470	-.227	1.04008	1.15323	1.03737	.96087	.58479	1.21139	1.31635	1.22809	1.15388	.78139
1.470	.765	1.03892	1.15322	1.03721	.96040	.58299	1.21281	1.31742	1.22956	1.15510	.78409
1.470	1.785	1.03512	1.15409	1.03312	.95708	.58025	1.21169	1.31477	1.22795	1.15392	.78421
GRADIENT		.00118	.00156	.00110	.00075	-.00041	.00268	.00416	.00369	.00272	.00280

RUN NO. 1400/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.495	-8.080	.96162	1.08141	.98588	.92233	.56259	1.14170	1.23275	1.16445	1.10943	.74915
1.495	-7.064	.97391	1.10237	1.00223	.93607	.57145	1.15112	1.25290	1.18007	1.12047	.75661
1.496	-6.080	.97989	1.11889	1.01388	.94573	.57706	1.15799	1.27077	1.19309	1.12960	.76330
1.495	-5.097	.98159	1.13226	1.02248	.95222	.58119	1.16079	1.28591	1.20389	1.13695	.76861
1.495	-4.121	.98537	1.14435	1.02824	.95374	.58546	1.16310	1.29715	1.21219	1.14307	.77249
1.495	-3.152	.98701	1.15510	1.03448	.95886	.58855	1.16401	1.30727	1.22029	1.14888	.77687
1.495	-2.183	.98503	1.16370	1.03790	.96205	.58965	1.16347	1.31451	1.22569	1.15257	.78003
1.496	-1.209	.98569	1.16598	1.04129	.96460	.59037	1.16564	1.32029	1.23033	1.15627	.78366
1.496	-.214	.98361	1.15745	1.03989	.96392	.58909	1.16568	1.32307	1.23292	1.15825	.78578
1.496	.780	.98447	1.15705	1.04083	.96397	.58800	1.16813	1.32464	1.23507	1.16010	.78764
1.495	1.800	.98267	1.16157	1.03693	.96056	.58525	1.16847	1.32278	1.23442	1.15970	.78727
GRADIENT		-.00053	.00177	.00146	.00117	-.00009	.00096	.00434	.00374	.00282	.00259

RUN NO. 1421/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.517	-8.074	.85514	1.07451	.98009	.91781	.55913	1.05169	1.22335	1.15507	1.10099	.74350
1.521	-7.062	.79809	1.09583	.99440	.93011	.56708	1.00590	1.24628	1.17175	1.11179	.75131
1.520	-6.081	.78982	1.11295	1.00559	.93941	.57263	.99728	1.26460	1.18605	1.12211	.75930
1.518	-5.103	.78259	1.12849	1.01092	.94180	.57736	.98740	1.27642	1.19459	1.12846	.76375
1.519	-4.122	.75999	1.14333	1.01773	.94611	.58187	.98672	1.28734	1.20412	1.13647	.76876
1.529	-3.154	.73779	1.15605	1.02278	.94993	.58435	.94784	1.29815	1.21389	1.14415	.77317
1.519	-2.182	.72841	1.16474	1.02705	.95262	.58599	.93826	1.30726	1.22102	1.14939	.77678
1.518	-1.207	.72353	1.15901	1.02893	.95394	.58636	.93399	1.31302	1.22565	1.15269	.77936
1.518	-.213	.72008	1.15080	1.02673	.95315	.58557	.93102	1.31646	1.22901	1.15555	.78196
1.518	.779	.72435	1.14899	1.02540	.95163	.58419	.94130	1.31689	1.23000	1.15652	.78372
1.519	1.799	.72654	1.15591	1.02333	.94840	.58186	.94792	1.31424	1.22816	1.15535	.78413
GRADIENT		-.00488	.00034	.00077	.00038	-.00003	-.00274	.00459	.00405	.00316	.00262

IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE

(SCMO30) (03 OCT 91)

PARAMETRIC DATA

RUN NO. 1410/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00 BETA = -4.000 PHI = 180.000

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.543	-8.078	.66920	1.06474	.96646	.90644	.55241	.86830	1.20979	1.14232	1.08900	.73682
1.543	-7.069	.66067	1.08706	.97817	.91702	.55925	.85337	1.22844	1.15654	1.09910	.74439
1.543	-5.101	.66540	1.13635	.99449	.92493	.56908	.85197	1.26064	1.17989	1.11645	.75551
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE

(SCMO31) (03 OCT 91)

PARAMETRIC DATA

RUN NO. 1423/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00 BETA = -4.000 PHI = 180.000

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.517	-8.074	.86187	1.06883	.97538	.91404	.55608	1.05595	1.21521	1.14929	1.09547	.73887
1.517	-7.066	.84252	1.08895	.99023	.92630	.56453	1.04028	1.23560	1.16411	1.10612	.74560
1.516	-6.081	.82812	1.10305	.99884	.93343	.56911	1.02880	1.25236	1.17694	1.11533	.75228
1.516	-5.103	.81371	1.11822	1.00770	.93923	.57426	1.01514	1.26831	1.18861	1.12342	.75745
1.517	-4.124	.80893	1.13247	1.01242	.94106	.57838	1.01123	1.28093	1.19852	1.13058	.76255
1.517	-3.155	.80372	1.14389	1.01713	.94512	.58039	1.00800	1.29151	1.20698	1.13702	.76763
1.516	-2.182	.79205	1.15334	1.02120	.94779	.58201	.99998	1.30055	1.21447	1.14327	.77180
1.516	-1.210	.78527	1.15197	1.02354	.94876	.58235	.99762	1.30716	1.22073	1.14774	.77525
1.517	-.211	.78215	1.14429	1.02239	.94878	.58218	.99769	1.31235	1.22584	1.15175	.77871
1.546	.780	.78210	1.14052	1.01895	.94600	.57896	.99916	1.30928	1.22607	1.15226	.78014
1.516	1.798	.79125	1.14655	1.01663	.94288	.57629	1.00529	1.30760	1.22374	1.15093	.78041
	GRADIENT	-.00382	.00094	.00062	.00029	-.00033	-.00135	.00459	.00452	.00361	.00309

RUN NO. 1411/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.542	-8.071	.66639	1.06311	.96445	.90467	.55074	.86522	1.20890	1.14143	1.08845	.73616
1.543	-7.065	.65963	1.08705	.97782	.91697	.55891	.85180	1.22749	1.15539	1.09823	.74336
1.542	-6.079	.65668	1.11072	.98208	.91740	.56395	.84581	1.24356	1.16736	1.10655	.74948
1.542	-5.097	.66344	1.13561	.99326	.92362	.56755	.85101	1.25966	1.17911	1.11568	.75483
1.543	-4.125	.67195	1.15411	1.00592	.93140	.57185	.85673	1.27499	1.18951	1.12307	.75896
1.542	-3.153	.68519	1.14724	1.01759	.93818	.57497	.86642	1.29066	1.19797	1.12869	.76234
1.542	-2.182	.70616	1.09951	1.02198	.94460	.57770	.88234	1.30623	1.20464	1.13296	.76582
1.542	-1.210	.73527	1.05591	1.00824	.94325	.57975	.90496	1.32190	1.21075	1.13710	.76941
1.542	-.213	.74818	1.04824	1.00194	.93711	.57882	.91688	1.33141	1.21481	1.14006	.77204
1.543	.781	.72823	1.05454	.99979	.93551	.57860	.90254	1.32578	1.21642	1.14224	.77350
1.543	1.797	.69297	1.08783	1.01191	.93843	.57744	.87596	1.31410	1.21637	1.14322	.77373
	GRADIENT	.00684	-.01567	-.00136	.00029	.00090	.00589	.00766	.00461	.00342	.00263

IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE

(SCM032) (03 OCT 91)

PARAMETRIC DATA

BETA = -3.000 PHI = 180.000

MACH		RUN NO. 1352/ O		RN/L = 2.50		GRADIENT INTERVAL = -5.00/ 5.00		CPL		CPC10		CPC11		CPC12		CPC04	
ALPHA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CPC04							
.599	.63680	.69068	.61095	.55028	.16961	.76456	.80398	.74801	.70021	.32766							
.600	.66822	.71897	.63391	.57094	.18508	.79022	.82897	.76707	.71491	.33864							
.600	.69428	.74208	.65190	.58638	.19509	.81498	.85317	.78621	.72980	.34954							
.600	.71850	.76391	.66934	.60130	.20536	.83753	.87564	.80417	.74355	.35845							
.601	.73444	.77802	.68018	.61018	.21114	.85292	.89120	.81619	.75248	.36534							
.601	.74860	.79055	.68889	.61812	.21606	.86721	.90555	.82737	.76120	.37334							
.601	.75822	.80073	.69581	.61747	.21957	.87720	.91602	.83615	.76759	.37800							
.601	.76466	.80568	.69648	.62083	.22107	.88472	.92374	.84276	.77280	.38226							
.601	.76426	.80145	.69547	.61960	.21983	.88761	.92742	.84643	.77591	.38621							
.600	.76265	.80143	.69370	.61759	.21679	.88939	.93041	.85010	.77936	.38946							
.601	.75408	.79560	.68788	.61076	.21200	.88397	.92606	.84749	.77758	.38942							
GRADIENT	.00335	.00271	.00115	.00008	.00013	.00536	.00602	.00544	.00437	.00411							

MACH		RUN NO. 1342/ O		RN/L = 2.50		GRADIENT INTERVAL = -5.00/ 5.00		CPL		CPC10		CPC11		CPC12		CPC04	
ALPHA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CPC04							
.799	.72714	.77666	.69412	.63155	.23392	.85089	.88887	.83010	.78071	.39626							
.800	.75533	.80375	.71567	.65020	.24787	.87567	.91413	.84985	.79544	.40726							
.800	.77958	.82653	.73436	.66616	.25909	.89771	.93623	.86714	.80822	.41540							
.800	.79926	.84439	.74799	.67760	.26672	.91632	.95478	.88175	.81901	.42387							
.800	.81614	.85928	.76044	.68751	.27349	.93202	.97125	.89505	.82921	.43155							
.800	.82842	.87043	.76789	.69346	.27811	.94425	.98398	.90550	.83731	.43944							
.800	.83764	.87922	.77300	.69448	.28136	.95288	.99311	.91257	.84270	.44283							
.800	.84228	.88385	.77414	.69651	.28244	.95818	.99959	.91822	.84686	.44615							
.800	.84309	.88029	.77405	.69636	.28191	.96146	1.00372	.92214	.85024	.44946							
.800	.84060	.88012	.77214	.69417	.27973	.96104	1.00405	.92332	.85142	.45198							
.800	.83356	.87462	.76665	.68947	.27575	.95643	1.00058	.92132	.85007	.45210							
GRADIENT	.00295	.00239	.00101	.00032	.00037	.00417	.00502	.00449	.00356	.00339							

MACH		RUN NO. 1330/ O		RN/L = 2.50		GRADIENT INTERVAL = -5.00/ 5.00		CPL		CPC10		CPC11		CPC12		CPC04	
ALPHA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CPC04							
.900	.79309	.84013	.75858	.69604	.30476	.91091	.94796	.88921	.83942	.46143							
.900	.82044	.86621	.77968	.71437	.31815	.93341	.97124	.90682	.85237	.47028							
.900	.84093	.88604	.79496	.72759	.32693	.95344	.99165	.92299	.86416	.47751							
.900	.86039	.90402	.80944	.73969	.33522	.97164	1.01033	.93792	.87562	.48665							
.900	.87492	.91675	.81991	.74786	.34070	.98510	1.02435	.94912	.88375	.49294							
.900	.88666	.92812	.82714	.75272	.34559	.99658	1.03671	.95921	.89159	.49995							
.900	.89509	.93604	.83126	.75484	.34843	1.00593	1.04578	.96672	.89727	.50418							
.900	.89963	.94040	.83328	.75672	.34955	1.00998	1.05157	.97168	.90099	.50680							
.900	.89973	.93617	.83236	.75585	.34822	1.01244	1.05496	.97495	.90360	.50954							
.900	.89764	.93645	.83072	.75382	.34597	1.01273	1.05571	.97637	.90512	.51218							
.899	.89086	.93130	.82557	.74886	.34136	1.00880	1.05270	.97467	.90388	.51182							
GRADIENT	.00269	.00218	.00090	.00021	.00008	.00402	.00480	.00433	.00341	.00315							

IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE

(SCMO32) (03 OCT 91)

PARAMETRIC DATA

BETA = -3.000 PHI = 180.000

RUN NO. 1321/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.099	-8.036	.94713	.99123	.91437	.85559	.49823	1.05868	1.09235	1.03733	.99009	.64409
1.100	-6.965	.97300	1.01553	.93372	.87257	.51074	1.07934	1.11459	1.05421	1.00301	.65289
1.100	-5.978	.99098	1.03269	.94691	.88396	.51821	1.09627	1.13244	1.06803	1.01294	.66002
1.101	-4.983	1.00735	1.04819	.95888	.89427	.52486	1.11152	1.14827	1.08051	1.02242	.66680
1.100	-3.997	1.02055	1.06025	.96865	.90192	.52976	1.12376	1.16105	1.09080	1.02993	.67197
1.100	-3.011	1.03054	1.06991	.97375	.90519	.53340	1.13298	1.17125	1.09901	1.03605	.67666
1.100	-2.033	1.03807	1.07687	.97828	.90732	.53632	1.13941	1.17809	1.10477	1.04024	.67920
1.100	-1.052	1.04234	1.08161	.98098	.90977	.53803	1.14325	1.18292	1.10883	1.04310	.68090
1.099	-.054	1.04252	1.07816	.98242	.91123	.53776	1.14400	1.18457	1.11037	1.04412	.68173
1.100	.925	1.04178	1.07932	.98021	.90903	.53725	1.14379	1.18466	1.11102	1.04481	.68318
1.100	1.921	1.03662	1.07522	.97703	.90599	.53503	1.13970	1.18133	1.10884	1.04319	.68255
GRADIENT		.00424	.00379	.00258	.00167	.00149	.00403	.00476	.00407	.00298	.00221

RUN NO. 1366/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.250	-8.037	1.02069	1.06957	.98826	.92853	.57072	1.12902	1.16709	1.10828	1.05831	.70579
1.250	-7.016	1.04159	1.08934	1.00365	.94115	.57868	1.14844	1.18730	1.12378	1.06917	.71355
1.250	-6.028	1.05968	1.10676	1.01700	.95239	.58592	1.16631	1.20630	1.13859	1.08004	.72167
1.250	-5.043	1.07568	1.12168	1.02901	.96219	.59260	1.18055	1.22070	1.14931	1.08815	.72749
1.250	-4.065	1.08727	1.13226	1.03760	.96841	.59716	1.19049	1.23170	1.15814	1.09484	.73239
1.250	-3.086	1.09725	1.14151	1.04273	.97123	.60156	1.19989	1.24284	1.16745	1.10207	.73753
1.250	-2.115	1.10466	1.14854	1.04693	.97341	.60401	1.20710	1.25063	1.17356	1.10648	.74073
1.250	-1.149	1.10881	1.15304	1.04894	.97579	.60550	1.21148	1.25594	1.17816	1.10993	.74331
1.250	-.160	1.10890	1.14909	1.04867	.97541	.60477	1.21366	1.25884	1.18095	1.11211	.74575
1.250	.833	1.10724	1.14986	1.04700	.97367	.60304	1.21353	1.25917	1.18189	1.11306	.74728
1.250	1.859	1.10155	1.14481	1.04313	.96987	.59994	1.21006	1.25613	1.17996	1.11193	.74744
GRADIENT		.00241	.00197	.00096	.00040	.00043	.00334	.00412	.00368	.00285	.00252

RUN NO. 1377/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.400	-8.024	1.03557	1.10128	1.01156	.94817	.58465	1.15381	1.20525	1.13783	1.08269	.72205
1.400	-7.012	1.05655	1.12213	1.02760	.96171	.59294	1.17319	1.22579	1.15399	1.09454	.73027
1.400	-6.022	1.07308	1.13883	1.04026	.97238	.59958	1.18893	1.24313	1.16728	1.10389	.73705
1.400	-5.035	1.08722	1.15222	1.05124	.98129	.60543	1.20268	1.25866	1.17914	1.11326	.74372
1.400	-4.052	1.09893	1.16352	1.05788	.98534	.60919	1.21371	1.27186	1.18940	1.12063	.74853
1.400	-3.074	1.10838	1.17302	1.06408	.98808	.61222	1.22271	1.28279	1.19798	1.12710	.75300
1.400	-2.101	1.11535	1.18016	1.06741	.99107	.61458	1.22881	1.28389	1.20379	1.13127	.75609
1.400	-1.133	1.11948	1.18460	1.06967	.99289	.61558	1.23298	1.29490	1.20866	1.13533	.75861
1.400	-.146	1.12001	1.17954	1.06985	.99283	.61568	1.23565	1.29877	1.21281	1.13890	.76190
1.400	.846	1.11762	1.18061	1.06664	.98956	.61269	1.23495	1.29868	1.21324	1.13948	.76279
1.400	1.876	1.11156	1.17515	1.06203	.98498	.60982	1.23209	1.29595	1.21116	1.13802	.76292
GRADIENT		.00219	.00177	.00071	.00012	.00013	.00312	.00408	.00379	.00306	.00248

IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE

(SCM032) (03 OCT 91)

PARAMETRIC DATA

BETA = -3.000 PHI = 180.000

RUN NO. 1389/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CPO4
1.450	-8.066	1.02356	1.10546	1.01428	.95151	.59010	1.14620	1.20723	1.13857	1.08347	.72367
1.451	-7.052	1.04254	1.12568	1.02977	.96377	.59742	1.16429	1.22900	1.15541	1.09583	.73264
1.450	-6.070	1.05867	1.14319	1.04245	.97486	.60441	1.17777	1.24612	1.16779	1.10393	.73878
1.450	-5.086	1.07093	1.15523	1.05087	.98038	.60875	1.19003	1.26072	1.17942	1.11309	.74528
1.450	-4.118	1.08044	1.16515	1.05639	.98457	.61208	1.19952	1.27402	1.19042	1.12132	.74937
1.449	-3.146	1.08972	1.17544	1.06248	.98646	.61493	1.20879	1.28614	1.19965	1.12770	.75382
1.450	-2.194	1.09707	1.18417	1.06744	.99099	.61776	1.21582	1.29410	1.20677	1.13371	.75893
1.450	-1.241	1.09964	1.18814	1.06969	.99284	.61812	1.21919	1.29970	1.21278	1.13919	.76179
1.450	-.259	1.09993	1.18216	1.06932	.99208	.61676	1.22276	1.30400	1.21744	1.14290	.76603
1.450	.741	1.09721	1.18247	1.06573	.98809	.61252	1.22340	1.30396	1.21773	1.14341	.76690
1.450	1.777	1.09263	1.17800	1.06097	.98379	.60983	1.22294	1.30328	1.21616	1.14245	.76819
GRADIENT		.00195	.00181	.00078	.00005	-.00048	.00386	.00473	.00450	.00378	.00327

RUN NO. 1434/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CPO4
1.470	-8.056	1.00018	1.10164	1.00808	.94424	.58404	1.12829	1.21073	1.14047	1.08341	.71823
1.471	-7.049	1.01681	1.12244	1.02427	.95795	.59210	1.14273	1.23105	1.15557	1.09305	.72469
1.471	-6.062	1.03022	1.13836	1.03557	.96781	.59787	1.15472	1.24614	1.16597	1.10063	.73119
1.471	-5.079	1.04002	1.15216	1.04612	.97404	.60346	1.16298	1.25959	1.17639	1.10877	.73705
1.471	-4.102	1.04843	1.16299	1.05206	.97988	.60749	1.17102	1.27189	1.18607	1.11638	.74283
1.470	-3.136	1.05493	1.17236	1.05759	.98212	.60981	1.17669	1.28114	1.19300	1.12154	.74712
1.470	-2.174	1.05772	1.17928	1.06150	.98509	.61099	1.18003	1.28857	1.19890	1.12552	.74983
1.470	-1.219	1.05936	1.18254	1.06286	.98649	.61052	1.18346	1.29320	1.20212	1.12710	.75134
1.471	-.238	1.05918	1.17696	1.06404	.98754	.60985	1.18676	1.29759	1.20649	1.13113	.75599
1.471	.757	1.05678	1.17685	1.06111	.98457	.60692	1.18792	1.29824	1.20776	1.13270	.75858
1.471	1.796	1.05369	1.17393	1.05694	.98087	.60366	1.18781	1.29661	1.20692	1.13225	.75955
GRADIENT		.00075	.00141	.00086	.00036	-.00068	.00289	.00426	.00362	.00274	.00289

RUN NO. 1401/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CPO4
1.496	-8.059	.98235	1.10535	1.01088	.94765	.58745	1.11553	1.21457	1.14385	1.08747	.72422
1.496	-7.038	.99278	1.12598	1.02682	.96080	.59520	1.12506	1.23597	1.16039	1.09914	.73268
1.495	-6.053	.99624	1.14122	1.03680	.96936	.60038	1.12858	1.25235	1.17232	1.10704	.73804
1.496	-5.073	.99882	1.15537	1.04792	.97489	.60600	1.13022	1.26639	1.18221	1.11402	.74345
1.495	-4.096	.99899	1.16618	1.05309	.97977	.60914	1.13081	1.27786	1.19069	1.12031	.74739
1.495	-3.128	1.00147	1.17804	1.05921	.98396	.61268	1.13219	1.28817	1.19848	1.12598	.75133
1.495	-2.164	.99772	1.18712	1.06366	.98771	.61433	1.12887	1.29458	1.20325	1.12912	.75437
1.495	-1.205	.99460	1.19050	1.06699	.99010	.61517	1.12718	1.29922	1.20732	1.13243	.75708
1.496	-.224	.99209	1.18212	1.06703	.99066	.61415	1.12840	1.30250	1.21080	1.13554	.76026
1.495	.773	.99259	1.18275	1.06505	.98840	.61164	1.13221	1.30370	1.21233	1.13684	.76173
1.496	1.807	.99351	1.18300	1.06070	.98493	.60925	1.13596	1.30316	1.21257	1.13718	.76259
GRADIENT		-.00144	.00198	.00136	.00098	-.00008	.00056	.00417	.00366	.00286	.00263

IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE

(SCM032) (03 OCT 91)

PARAMETRIC DATA

BETA = -3.000 PHI = 180.000

RUN NO. 1424/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.515	-8.053	.88056	1.08907	.99715	.93590	.57872	1.02331	1.19363	1.12541	1.07004	.71260
1.516	-7.041	.85942	1.11008	1.01326	.94938	.58845	1.00444	1.21468	1.14100	1.08175	.71955
1.516	-6.059	.84198	1.12610	1.02397	.95818	.59398	.98873	1.23320	1.15476	1.09140	.72592
1.516	-5.074	.83033	1.14090	1.02960	.96098	.59847	.97711	1.24799	1.16517	1.09859	.73038
1.516	-4.101	.82504	1.15502	1.03723	.96617	.60292	.97264	1.26258	1.17678	1.10731	.73692
1.516	-3.123	.80526	1.16617	1.04221	.97065	.60545	.95940	1.27436	1.18588	1.11476	.74207
1.516	-2.166	.78635	1.17638	1.04530	.97249	.60658	.94383	1.28258	1.19367	1.12034	.74550
1.515	-1.207	.77387	1.17780	1.04702	.97245	.60576	.93128	1.28883	1.19773	1.12242	.74680
1.515	-.224	.77266	1.16681	1.04574	.97219	.60435	.93256	1.29239	1.20266	1.12658	.75068
1.516	.773	.77059	1.16604	1.04427	.97024	.60198	.93344	1.29267	1.20453	1.12860	.75360
1.515	1.808	.77766	1.17155	1.04040	.96686	.59948	.94506	1.28989	1.20451	1.12943	.75561
GRADIENT		-.00814	.00143	.00049	.00002	-.00072	-.00525	.00465	.00470	.00364	.00307

RUN NO. 1412/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.543	-8.056	.68265	1.08662	.98981	.93016	.57451	.82755	1.18869	1.11932	1.06476	.71062
1.542	-7.042	.67635	1.10955	1.00077	.93825	.58129	.81685	1.20780	1.13382	1.07510	.71810
1.542	-6.057	.67950	1.13525	1.00678	.94167	.58660	.81744	1.22517	1.14582	1.08370	.72358
1.543	-5.077	.68809	1.16187	1.02003	.94975	.59176	.82398	1.24393	1.15812	1.09267	.72911
1.542	-4.095	.70101	1.18141	1.03240	.95693	.59513	.83564	1.26389	1.16858	1.09976	.73301
1.543	-3.126	.73841	1.15365	1.04642	.96563	.59833	.86541	1.28983	1.17798	1.10583	.73677
1.542	-2.163	.79487	1.06418	1.04871	.97239	.60100	.91185	1.32719	1.18605	1.10968	.73922
1.542	-1.207	.81943	1.04586	1.03957	.97130	.60302	.93218	1.34712	1.19223	1.11412	.74200
1.542	-.222	.82533	1.04409	1.03444	.96754	.60315	.93876	1.35293	1.19672	1.11811	.74539
1.543	.773	.81670	1.04282	1.03068	.96437	.60167	.93385	1.34931	1.19898	1.12057	.74799
1.542	1.807	.78799	1.04430	1.03563	.96427	.59915	.91211	1.33162	1.19720	1.11998	.74758
GRADIENT		.01614	-.02365	-.00132	.00052	.00075	.01419	.01256	.00502	.00358	.00263

IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE

(SCMO33) (03 OCT 91)

PARAMETRIC DATA

BETA = -2.000 PHI = 180.000

RUN NO. 1353/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CP04
.600	-8.033	.66199	.71619	.63904	.58025	.20215	.74090	.78232	.72367	.67416	.29727
.599	-7.035	.69299	.74469	.66156	.59938	.21446	.77070	.81112	.74638	.69179	.30985
.600	-6.043	.71922	.76797	.67993	.61518	.22547	.79557	.83504	.76501	.70617	.32132
.600	-5.061	.74060	.78704	.69480	.62755	.23381	.81591	.85518	.78082	.71793	.32891
.600	-4.086	.75900	.80372	.70763	.63835	.24072	.83360	.87252	.79451	.72846	.33608
.600	-3.118	.77244	.81598	.71695	.64458	.24567	.84766	.88663	.80566	.73726	.34383
.600	-2.166	.78240	.82441	.72178	.64664	.24961	.85688	.89610	.81310	.74272	.34698
.600	-1.241	.78809	.82966	.72444	.64823	.25017	.86420	.90418	.82017	.74838	.35144
.600	-.298	.78906	.82884	.72374	.64758	.24860	.86945	.90998	.82597	.75367	.35732
.600	.705	.78493	.82578	.72003	.64438	.24451	.87123	.91269	.82946	.75730	.36125
.600	1.775	.77710	.81758	.71377	.63832	.24014	.86651	.90350	.82808	.75651	.36292
GRADIENT		.00310	.00236	.00093	-.00002	-.00022	.00579	.00648	.00591	.00496	.00463

RUN NO. 1343/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CP04
.800	-8.015	.75039	.80131	.72086	.65878	.26452	.83161	.87070	.80929	.75790	.36859
.799	-7.008	.77812	.82783	.74218	.67713	.27786	.85592	.89586	.82850	.77224	.37848
.800	-6.016	.80124	.84923	.75911	.69153	.28713	.87855	.91846	.84652	.78561	.38732
.800	-5.030	.82259	.86817	.77411	.70454	.29619	.89742	.93715	.86099	.79659	.39553
.800	-4.045	.83838	.88243	.78509	.71405	.30283	.91243	.95246	.87336	.80598	.40287
.800	-3.070	.85069	.89380	.79248	.72074	.30795	.92442	.96479	.88304	.81298	.40928
.801	-2.112	.85958	.90198	.79846	.72177	.31156	.93344	.97418	.89092	.81902	.41309
.800	-1.170	.86423	.90639	.80034	.72353	.31194	.93877	.98029	.89615	.82306	.41591
.800	-.214	.86447	.90386	.79958	.72274	.31025	.94260	.98454	.90050	.82673	.42029
.800	.787	.86182	.90321	.79677	.72018	.30746	.94371	.98684	.90361	.82984	.42427
.800	1.842	.85449	.89597	.79166	.71494	.30386	.93868	.98291	.90130	.82824	.42479
GRADIENT		.00272	.00221	.00105	.00007	.00001	.00460	.00531	.00490	.00395	.00377

RUN NO. 1331/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CP04
.900	-8.041	.81560	.86338	.78399	.72229	.33359	.89249	.93066	.86932	.81754	.43473
.900	-6.998	.84084	.88811	.80358	.73912	.34584	.91467	.95371	.88647	.83013	.44327
.899	-6.007	.86216	.90827	.81953	.75271	.35476	.93475	.97440	.90266	.84206	.45039
.900	-5.020	.88102	.92562	.83332	.76414	.36256	.95299	.99264	.91743	.85320	.45948
.900	-4.043	.89595	.93874	.84344	.77304	.36865	.96664	1.00676	.92863	.86164	.46550
.900	-3.068	.90837	.95032	.85185	.77943	.37429	.97824	1.01875	.93833	.86907	.47161
.900	-2.108	.91601	.95741	.85657	.78049	.37680	.98605	1.02707	.94499	.87405	.47425
.900	-1.172	.92078	.96189	.85862	.78258	.37797	.99121	1.03287	.95016	.87800	.47765
.900	-.223	.92107	.95962	.85812	.78180	.37590	.99507	1.03736	.95452	.88175	.48125
.900	.775	.91775	.95818	.85455	.77849	.37316	.99514	1.03865	.95676	.88376	.48506
.900	1.830	.91119	.95187	.85003	.77411	.36934	.99139	1.03571	.95520	.88285	.48540
GRADIENT		.00251	.00207	.00095	.00008	-.00006	.00427	.00500	.00461	.00369	.00343

IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE

(SCM033) (03 OCT 91)

PARAMETRIC DATA

BETA = -2.000 PHI = 180.000

RUN NO. 1322/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CPO4
1.099	-8.010	.96693	1.01163	.93618	.87836	.52308	1.04152	1.07654	1.01917	.97003	.61975
1.100	-6.958	.99149	1.03497	.95509	.89486	.53498	1.06177	1.09799	1.03536	.98208	.62810
1.100	-5.968	1.01016	1.05304	.96889	.90475	.54284	1.08024	1.11716	1.05030	.99313	.63638
1.101	-4.969	1.02632	1.06820	.98113	.91690	.54962	1.09524	1.13275	1.06245	1.00249	.64288
1.100	-3.981	1.03983	1.08065	.99075	.92529	.55528	1.10687	1.14513	1.07226	1.00987	.64811
1.100	-2.981	1.04875	1.08889	.99592	.92807	.55814	1.11614	1.15515	1.08025	1.01579	.65235
1.100	-2.024	1.05712	1.09698	1.00156	.93103	.56221	1.12273	1.16196	1.08566	1.01944	.65388
1.100	-1.048	1.06126	1.10073	1.00389	.93309	.56322	1.12661	1.16653	1.08959	1.02219	.65569
1.100	-.086	1.06170	1.09837	1.00423	.93368	.56259	1.12844	1.16887	1.09175	1.02380	.65735
1.100	.902	1.06029	1.09924	1.00255	.93198	.56185	1.12768	1.16909	1.09276	1.02495	.65904
1.100	1.929	1.05436	1.09364	.99922	.92863	.55931	1.12301	1.16514	1.09006	1.02280	.65833
GRADIENT		.00414	.00368	.00258	.00163	.00139	.00411	.00476	.00405	.00296	.00218

RUN NO. 1367/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CPO4
1.099	-8.019	1.03986	1.08919	1.00995	.95049	.59439	1.11004	1.14994	1.08869	1.03699	.68109
1.250	-6.997	1.06144	1.10997	1.02611	.96382	.60353	1.13146	1.17213	1.10589	1.04991	.69066
1.250	-6.005	1.07955	1.12702	1.03930	.97484	.61065	1.14931	1.19004	1.11978	1.05998	.69803
1.250	-5.012	1.09480	1.14165	1.05108	.98485	.61776	1.16233	1.20345	1.13014	1.06711	.70351
1.250	-4.030	1.10654	1.15233	1.05928	.99082	.62268	1.17269	1.21495	1.13939	1.07422	.70827
1.250	-3.054	1.11722	1.16202	1.06605	.99485	.62702	1.18289	1.22610	1.14807	1.08097	.71303
1.250	-2.087	1.12405	1.16900	1.06975	.99723	.62967	1.18943	1.23362	1.15389	1.08509	.71566
1.250	-1.140	1.12812	1.17261	1.07153	.99900	.63048	1.19444	1.23927	1.15860	1.08874	.71842
1.250	-.178	1.12844	1.17042	1.07140	.99873	.62946	1.19746	1.24262	1.16172	1.09131	.72170
1.250	.822	1.12555	1.16976	1.06855	.99589	.62694	1.19748	1.24342	1.16341	1.09302	.72430
1.250	1.875	1.12024	1.16421	1.06473	.99235	.62383	1.19384	1.23938	1.16162	1.09200	.72430
GRADIENT		.00224	.00189	.00082	.00028	.00010	.00365	.00431	.00382	.00304	.00279

RUN NO. 1378/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CPO4
1.400	-8.013	1.05711	1.12337	1.03542	.97255	.60931	1.13288	1.18651	1.11640	1.05987	.69649
1.400	-6.993	1.07692	1.14342	1.05079	.98502	.61670	1.15225	1.20742	1.13275	1.07156	.70466
1.400	-6.001	1.09380	1.15963	1.06349	.99591	.62379	1.16900	1.22496	1.14671	1.08174	.71215
1.400	-5.010	1.10787	1.17400	1.07426	1.00468	.62971	1.18249	1.24037	1.15879	1.09094	.71827
1.400	-4.026	1.11946	1.18475	1.08110	1.00982	.63352	1.19344	1.25301	1.16856	1.09792	.72271
1.400	-3.042	1.13015	1.19516	1.08900	1.01326	.63792	1.20321	1.26390	1.17700	1.10402	.72720
1.400	-2.080	1.13633	1.20179	1.09200	1.01587	.64017	1.20878	1.27062	1.18214	1.10844	.72969
1.400	-1.127	1.13980	1.20485	1.09366	1.01748	.64075	1.21326	1.27732	1.18825	1.11293	.73245
1.400	-.162	1.13996	1.20190	1.09341	1.01671	.63964	1.21628	1.28205	1.19236	1.11640	.73601
1.400	.834	1.13711	1.20147	1.09006	1.01276	.63665	1.21671	1.28289	1.19450	1.11881	.73877
1.400	1.888	1.13162	1.19482	1.08543	1.00840	.63349	1.21331	1.27830	1.19177	1.11723	.73834
GRADIENT		.00194	.00154	.00058	-.00018	-.00013	.00341	.00454	.00417	.00347	.00278

(SCMO33) (03 OCT 91)

PARAMETRIC DATA

BETA = -2.000 PHI = 180.000

RUN NO. 1390/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.449	-8.038	1.04584	1.12791	1.03841	.97555	.61509	1.12362	1.18776	1.11729	1.06029	.69801
1.450	-7.021	1.06418	1.14806	1.05318	.98767	.62213	1.14200	1.20980	1.13406	1.07275	.70727
1.450	-6.034	1.07895	1.16421	1.06509	.99748	.62887	1.15542	1.22661	1.14603	1.08070	.71287
1.450	-5.045	1.09208	1.17701	1.07483	1.00438	.63432	1.16823	1.24195	1.15786	1.08982	.71908
1.450	-4.069	1.10462	1.19079	1.08227	1.01103	.63972	1.17924	1.25693	1.17005	1.09899	.72462
1.450	-3.100	1.11275	1.19961	1.08900	1.01367	.64241	1.18692	1.26725	1.17786	1.10415	.72812
1.451	-2.149	1.11849	1.20608	1.09352	1.01763	.64508	1.19259	1.27557	1.18584	1.11075	.73278
1.449	-1.218	1.12019	1.20717	1.09394	1.01805	.64395	1.19651	1.28247	1.19241	1.11553	.73485
1.450	-.273	1.12006	1.20457	1.09304	1.01649	.64113	1.20110	1.28839	1.19667	1.11833	.73929
1.450	.733	1.11685	1.20379	1.08955	1.01259	.63699	1.20266	1.28921	1.19931	1.12165	.74245
1.449	1.801	1.11175	1.19856	1.08556	1.00864	.63404	1.20036	1.28431	1.19725	1.12199	.74351
GRADIENT		.00111	.00108	.00035	-.00041	-.00119	.00378	.00506	.00495	.00409	.00337

RUN NO. 1435/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.471	-8.037	1.02287	1.12479	1.03284	.96970	.60906	1.10511	1.19161	1.11864	1.06008	.69237
1.471	-7.015	1.03909	1.14486	1.04821	.98222	.61629	1.11999	1.21210	1.13350	1.06965	.69916
1.471	-6.025	1.05092	1.15966	1.05948	.99144	.62233	1.13149	1.22783	1.14564	1.07903	.70696
1.471	-5.040	1.06010	1.17330	1.06846	.99785	.62693	1.13931	1.24056	1.15525	1.08640	.71217
1.471	-4.062	1.06980	1.18542	1.07587	1.00340	.63203	1.14677	1.25195	1.16419	1.09311	.71656
1.471	-3.093	1.07405	1.19380	1.08103	1.00633	.63471	1.15010	1.26069	1.17107	1.09796	.72026
1.471	-2.138	1.07863	1.20127	1.08549	1.01010	.63688	1.15507	1.26858	1.17741	1.10206	.72357
1.471	-1.202	1.07797	1.20409	1.08773	1.01190	.63678	1.15648	1.27271	1.18033	1.10351	.72592
1.471	-.253	1.07622	1.20039	1.08788	1.01172	.63407	1.15958	1.27700	1.18453	1.10755	.73028
1.471	.750	1.07336	1.19887	1.08381	1.00746	.63001	1.16258	1.27898	1.18730	1.11145	.73426
1.471	1.818	1.07092	1.19385	1.07926	1.00348	.62658	1.16338	1.27708	1.18601	1.11088	.73465
GRADIENT		-.00004	.00123	.00063	.00012	-.00107	.00291	.00439	.00384	.00314	.00326

RUN NO. 1402/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.495	-8.029	1.00362	1.12831	1.03551	.97273	.61208	1.08917	1.19485	1.12154	1.06372	.69777
1.495	-7.011	1.01080	1.14749	1.04979	.98384	.61853	1.09720	1.21676	1.13849	1.07563	.70673
1.496	-6.021	1.01491	1.16329	1.06167	.99328	.62486	1.10005	1.23287	1.15030	1.08359	.71233
1.496	-5.036	1.01752	1.17753	1.07053	.99923	.63032	1.10267	1.24765	1.16143	1.09208	.71886
1.496	-4.058	1.01808	1.19010	1.07787	1.00433	.63480	1.10166	1.25840	1.16951	1.09810	.72253
1.496	-3.086	1.01456	1.20047	1.08429	1.00934	.63754	1.09771	1.26741	1.17577	1.10191	.72501
1.496	-2.125	1.01202	1.20861	1.08933	1.01375	.63995	1.09559	1.27362	1.18080	1.10528	.72813
1.496	-1.191	1.00602	1.21142	1.09145	1.01550	.64020	1.09216	1.27868	1.18488	1.10846	.73084
1.496	-.239	.99864	1.20570	1.09068	1.01469	.63809	1.09055	1.28285	1.18895	1.11189	.73431
1.496	.762	1.00235	1.20511	1.08817	1.01204	.63587	1.09875	1.28520	1.19203	1.11507	.73745
1.495	1.829	1.00481	1.20284	1.08387	1.00838	.63308	1.10349	1.28344	1.19142	1.11512	.73806
GRADIENT		-.00282	.00161	.00096	.00065	-.00040	.00013	.00438	.00389	.00307	.00284

IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE

(SCMO33) (03 OCT 91)

PARAMETRIC DATA

BETA = -2.000 PHI = 180.000

RUN NO. 1425/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CPC4
1.516	-8.029	.88867	1.11315	1.02291	.96177	.60535	.98075	1.17539	1.10440	1.04737	.68724
1.516	-7.011	.86385	1.13338	1.03738	.97325	.61263	.96033	1.19819	1.12144	1.05988	.69545
1.516	-6.023	.85740	1.15021	1.04960	.98259	.61996	.95209	1.21572	1.13444	1.06914	.70236
1.516	-5.038	.84630	1.16576	1.05467	.98724	.62461	.94034	1.23158	1.14616	1.07814	.70775
1.516	-4.059	.82152	1.17660	1.06069	.99042	.62801	.91802	1.24339	1.15490	1.08428	.71150
1.517	-3.086	.80597	1.19010	1.06688	.99584	.63187	.90487	1.25626	1.16474	1.09150	.71660
1.517	-2.130	.79215	1.20100	1.07098	.99812	.63303	.88959	1.26539	1.17164	1.09579	.71897
1.517	-1.191	.78592	1.20630	1.07451	.99987	.63320	.88517	1.27282	1.17734	1.09997	.72189
1.517	-.239	.78449	1.19420	1.07330	.99920	.63081	.88756	1.27807	1.18301	1.10486	.72694
1.516	.766	.78305	1.19408	1.06965	.99505	.62705	.89248	1.27899	1.18493	1.10723	.73071
1.516	1.831	.78568	1.19547	1.06462	.99081	.62432	.89793	1.27661	1.18460	1.10768	.73256
	GRADIENT	-.00586	.00209	.00068	-.00000	-.00086	-.00313	.00574	.00514	.00404	.00364

RUN NO. 1413/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CPC4
1.542	-8.032	.70017	1.10932	1.01497	.95511	.59858	.79316	1.16911	1.09723	1.04139	.68548
1.542	-7.010	.69436	1.13125	1.02374	.96062	.60447	.78494	1.18870	1.11221	1.05199	.69313
1.542	-6.026	.70196	1.15732	1.03124	.96606	.61040	.79174	1.20896	1.12625	1.06203	.69928
1.542	-5.037	.71180	1.18451	1.04547	.97501	.61597	.80029	1.23099	1.13823	1.07045	.70473
1.542	-4.058	.73680	1.20953	1.05909	.98324	.61954	.82156	1.25728	1.14828	1.07705	.70815
1.542	-3.085	.80876	1.15350	1.07452	.99252	.62271	.88357	1.30681	1.15928	1.08259	.71068
1.542	-2.130	.85077	1.08861	1.07847	.99857	.62576	.92040	1.32726	1.16777	1.08719	.71296
1.542	-1.192	.86714	1.06301	1.07406	.99884	.62668	.93628	1.33302	1.17474	1.09174	.71499
1.542	-.238	.87060	1.05690	1.06860	.99563	.62703	.94320	1.33902	1.18025	1.09622	.71930
1.542	.765	.86406	1.05454	1.06422	.99185	.62473	.94024	1.34717	1.18385	1.10031	.72376
1.542	1.828	.84453	1.06231	1.06559	.98943	.62199	.92354	1.33998	1.18033	1.09879	.72377
	GRADIENT	.01644	-.02443	-.00042	.00050	.00045	.01604	.01241	.00575	.00401	.00280

IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE

(SCM034) (03 OCT 91)

PARAMETRIC DATA

BETA = -1.000 PHI = 180.000

RUN NO. 1354/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
.600	-8.002	.68558	.73945	.66453	.60643	.23063	.71925	.76227	.70090	.64958	.26850
.599	-6.991	.71663	.76812	.68716	.62572	.24297	.75181	.79337	.72578	.66938	.28347
.600	-6.001	.74269	.79193	.70635	.64171	.25377	.77604	.81655	.74378	.68265	.29249
.600	-5.008	.76478	.81162	.72154	.65446	.26355	.79711	.83663	.75930	.69446	.30125
.600	-4.023	.78009	.82550	.73206	.66331	.26979	.81272	.85224	.77150	.70364	.30846
.600	-3.040	.79677	.84053	.74424	.67335	.27722	.82875	.86794	.78421	.71375	.31571
.601	-2.078	.80628	.84880	.74989	.67586	.28086	.83671	.87601	.79068	.71843	.31847
.600	-1.158	.81242	.85354	.75255	.67745	.28149	.84270	.88249	.79613	.72265	.32053
.601	-.265	.81022	.85074	.74827	.67299	.27623	.84903	.88863	.80242	.72875	.32769
.600	.783	.80409	.84522	.74289	.66737	.27080	.85224	.89374	.80851	.73502	.33496
.601	1.859	.79588	.83734	.73670	.66173	.26605	.84652	.88930	.80590	.73324	.33506
GRADIENT		.00235	.00166	.00031	-.00076	-.00109	.00587	.00642	.00600	.00520	.00470

RUN NO. 1344/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
.800	-7.965	.77308	.82449	.74628	.68481	.29419	.81198	.85229	.78808	.73457	.34072
.800	-6.981	.80030	.84992	.76661	.70269	.30653	.83634	.87676	.80681	.74883	.35083
.800	-5.989	.82497	.87288	.78222	.71872	.31731	.85882	.89943	.82430	.76189	.35857
.800	-4.995	.84449	.89083	.79887	.73069	.32554	.87721	.91781	.83894	.77270	.36728
.800	-4.002	.86017	.90507	.81021	.74040	.33282	.89334	.93349	.85139	.78226	.37473
.801	-3.015	.87211	.91594	.81840	.74637	.33727	.90564	.94615	.86160	.79017	.38054
.800	-2.045	.88096	.92411	.82410	.74907	.34108	.91353	.95405	.86817	.79510	.38366
.800	-1.108	.88639	.92874	.82651	.75121	.34227	.91853	.95987	.87305	.79864	.38583
.800	-.186	.88518	.92652	.82400	.74860	.33863	.92398	.96552	.87863	.80388	.39183
.800	.847	.88025	.92226	.81985	.74383	.33461	.92516	.96786	.88221	.80776	.39700
.800	1.903	.87368	.91571	.81531	.73941	.33041	.91942	.96334	.87923	.80519	.39561
GRADIENT		.00423	.00359	.00221	.00105	.00058	.00625	.00674	.00599	.00486	.00421

RUN NO. 1332/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
.900	-7.989	.83671	.88548	.80807	.74725	.36190	.87336	.91262	.84845	.79452	.40757
.900	-6.968	.86222	.90989	.82782	.76398	.37391	.89623	.93593	.86644	.80783	.41674
.900	-5.973	.88365	.93025	.84401	.77799	.38336	.91613	.95625	.88179	.81929	.42354
.900	-4.982	.90244	.94740	.85767	.78963	.39096	.93335	.97377	.89555	.82980	.43171
.900	-3.996	.91648	.96030	.86763	.79812	.39704	.94793	.98851	.90735	.83892	.43867
.900	-3.007	.92812	.97093	.87548	.80384	.40151	.95940	.99997	.91667	.84579	.44307
.900	-2.037	.93637	.97865	.88086	.80647	.40519	.96702	1.00790	.92308	.85057	.44602
.900	-1.111	.94154	.98292	.88311	.80858	.40683	.97181	1.01300	.92762	.85395	.44836
.900	-.199	.94031	.98097	.88103	.80618	.40315	.97698	1.01874	.93330	.85914	.45406
.900	.834	.93527	.97646	.87643	.80140	.39859	.97795	1.02057	.93637	.86250	.45856
.900	1.889	.92969	.97087	.87312	.79794	.39556	.97333	1.01720	.93454	.86118	.45859
GRADIENT		.00397	.00340	.00208	.00101	.00056	.00595	.00642	.00577	.00466	.00395

IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE

(SCM034) (03 OCT 91)

PARAMETRIC DATA

BETA = -1.000 PHI = 180.000

RUN NO. 1323/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.099	-7.980	.98657	1.03164	.95819	.90129	.54843	1.02426	1.06025	1.00040	.94951	.59511
1.100	-6.950	1.00986	1.05407	.97601	.91681	.55963	1.04443	1.08121	1.01634	.96113	.60338
1.100	-5.949	1.02851	1.07223	.99059	.92890	.56747	1.06280	1.10026	1.03108	.97227	.61194
1.100	-4.954	1.04424	1.08709	1.00233	.93884	.57395	1.07718	1.11520	1.04254	.98074	.61772
1.100	-3.957	1.05682	1.09861	1.01150	.94625	.57869	1.08986	1.12828	1.05303	.98879	.62372
1.100	-2.963	1.06712	1.10778	1.01806	.95091	.58318	1.09935	1.13835	1.06094	.99480	.62745
1.100	-1.981	1.07479	1.11489	1.02289	.95309	.58667	1.10576	1.14500	1.06620	.99844	.62954
1.100	-1.020	1.07965	1.11919	1.02559	.95562	.58861	1.11015	1.14969	1.07006	1.00145	.63107
1.100	-.051	1.07968	1.11862	1.02558	.95557	.58771	1.11267	1.15273	1.07279	1.00364	.63333
1.100	.940	1.07701	1.11632	1.02355	.95339	.58600	1.11148	1.15237	1.07349	1.00467	.63485
1.100	1.963	1.07238	1.11180	1.02089	.95157	.58408	1.10646	1.14828	1.07077	1.00237	.63405
GRADIENT		.00412	.00361	.00261	.00171	.00149	.00432	.00484	.00411	.00315	.00229

RUN NO. 1368/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.250	-7.998	1.05967	1.10939	1.03211	.97296	.61954	1.09168	1.13284	1.06882	1.01553	.65666
1.250	-6.973	1.08139	1.12993	1.04815	.98661	.62851	1.11262	1.15447	1.08555	1.02804	.66588
1.250	-5.978	1.09920	1.14736	1.06158	.99792	.63600	1.13114	1.17310	1.10018	1.03864	.67410
1.250	-4.986	1.11386	1.16118	1.07305	1.00776	.64281	1.14451	1.18639	1.11098	1.04682	.68018
1.250	-3.995	1.12627	1.17280	1.08194	1.01487	.64820	1.15587	1.19832	1.12040	1.05409	.68500
1.250	-3.005	1.13555	1.18174	1.08799	1.01838	.65185	1.16574	1.20896	1.12873	1.06039	.68919
1.250	-2.031	1.14313	1.18889	1.09278	1.02139	.65540	1.17292	1.21631	1.13444	1.06453	.69216
1.250	-1.091	1.14752	1.19304	1.09489	1.02336	.65649	1.17771	1.22167	1.13893	1.06725	.69439
1.250	-.153	1.14629	1.19114	1.09282	1.02100	.65339	1.18109	1.22554	1.14245	1.07057	.69860
1.250	.881	1.14299	1.18815	1.09012	1.01798	.65033	1.18193	1.22698	1.14473	1.07331	.70191
1.250	1.923	1.13798	1.18305	1.08709	1.01517	.64782	1.17771	1.22339	1.14320	1.07210	.70160
GRADIENT		.00349	.00317	.00188	.00093	.00062	.00501	.00554	.00476	.00372	.00322

RUN NO. 1380/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.400	-7.995	1.07809	1.14480	1.05870	.99616	.63389	1.11230	1.16749	1.09517	1.03674	.67147
1.400	-6.970	1.09732	1.16349	1.07309	1.00742	.64103	1.13216	1.18902	1.11185	1.04933	.68044
1.400	-5.975	1.11507	1.18102	1.08681	1.01959	.64910	1.14860	1.20654	1.12544	1.05922	.68723
1.400	-4.984	1.12907	1.19568	1.09831	1.02907	.65511	1.16242	1.22154	1.13763	1.06837	.69329
1.400	-3.993	1.14147	1.20715	1.10565	1.03488	.65916	1.17500	1.23504	1.14810	1.07616	.69842
1.400	-3.001	1.14980	1.21562	1.11159	1.03689	.66294	1.18260	1.24409	1.15515	1.08141	.70157
1.399	-2.026	1.15585	1.22196	1.11521	1.03960	.66523	1.18862	1.25107	1.16054	1.08514	.70384
1.400	-1.080	1.16080	1.22671	1.11760	1.04193	.66653	1.19455	1.25854	1.16676	1.08937	.70648
1.400	-.137	1.16047	1.22466	1.11565	1.03948	.66389	1.19882	1.26343	1.17170	1.09408	.71147
1.399	.891	1.15632	1.22080	1.11170	1.03528	.65998	1.19916	1.26505	1.17461	1.09743	.71464
1.400	1.934	1.15097	1.21465	1.10836	1.03203	.65758	1.19434	1.26023	1.17197	1.09592	.71402
GRADIENT		.00319	.00281	.00139	.00039	.00030	.00482	.00588	.00519	.00414	.00313

IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE

(SCM034) (03 OCT 91)

PARAMETRIC DATA

BETA = -1.000 PHI = 180.000									
RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00									
RUN NO.	1391/ O	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12
MACH	ALPHA	CPR							CP04
1.450	-8.006	1.06782	1.14997	1.06166	.99941	1.10121	1.16866	1.09596	1.03759
1.450	-6.983	1.08666	1.17054	1.07700	1.01166	1.12022	1.19065	1.11287	1.04985
1.450	-5.986	1.10126	1.18594	1.08849	1.02148	1.13410	1.20707	1.12459	1.05772
1.450	-5.002	1.11453	1.20020	1.10029	1.03104	1.14779	1.22366	1.13737	1.06764
1.450	-4.015	1.12654	1.21241	1.10790	1.03647	1.15899	1.23820	1.14854	1.07597
1.449	-3.031	1.13275	1.21946	1.11280	1.03722	1.16465	1.24698	1.15540	1.08033
1.450	-2.068	1.13942	1.22610	1.11667	1.04088	1.17094	1.25633	1.16231	1.08515
1.450	-1.145	1.14541	1.23165	1.11966	1.04355	1.1781	1.26587	1.16953	1.08972
1.450	-.249	1.14387	1.22896	1.11634	1.04014	1.18451	1.26937	1.17301	1.09390
1.450	.798	1.13651	1.22390	1.11212	1.03579	1.18511	1.27231	1.17753	1.09881
1.450	1.868	1.13136	1.21771	1.10892	1.03279	1.18073	1.26727	1.17697	1.09983
	GRADIENT	.00092	.00096	.00002	-.00057	.00436	.00551	.00514	.00431

RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00									
RUN NO.	1436/ O	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12
MACH	ALPHA	CPR							CP04
1.471	-8.006	1.04562	1.14709	1.05732	.99428	1.08142	1.17168	1.09650	1.03612
1.471	-6.978	1.06095	1.16533	1.07081	1.00511	1.09710	1.19275	1.11187	1.04684
1.471	-5.986	1.07321	1.18175	1.08339	1.01577	1.10876	1.20834	1.12344	1.05559
1.471	-4.996	1.08230	1.19484	1.09283	1.02335	1.11688	1.22147	1.13351	1.06328
1.471	-4.009	1.09047	1.20621	1.09944	1.02728	1.12307	1.23226	1.14262	1.07057
1.471	-3.025	1.09630	1.21567	1.10477	1.02948	1.12863	1.24266	1.15081	1.07617
1.471	-2.059	1.09742	1.22073	1.10738	1.03217	1.12928	1.24818	1.15514	1.07829
1.470	-1.132	1.09708	1.22438	1.11014	1.03445	1.12943	1.25176	1.15708	1.07871
1.471	-.228	1.09591	1.22244	1.11018	1.03465	1.13619	1.25787	1.16266	1.08394
1.471	.818	1.09095	1.21858	1.10574	1.02981	1.13996	1.26131	1.16809	1.09018
1.471	1.885	1.08800	1.21311	1.10105	1.02581	1.13936	1.25771	1.16567	1.08866
	GRADIENT	.00049	.00259	.00130	.00056	.00324	.00547	.00477	.00367

RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00									
RUN NO.	1403/ O	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12
MACH	ALPHA	CPR							CP04
1.495	-8.005	1.02459	1.15035	1.05931	.99644	1.06381	1.17592	1.10048	1.04092
1.496	-6.983	1.03290	1.16964	1.07392	1.00823	1.07178	1.19729	1.11672	1.05251
1.495	-5.985	1.03739	1.18567	1.08606	1.01785	1.07513	1.21380	1.12886	1.06088
1.495	-4.995	1.03698	1.19905	1.09560	1.02586	1.07521	1.22774	1.13944	1.06893
1.496	-4.007	1.03765	1.21301	1.10320	1.03034	1.07470	1.23995	1.14895	1.07640
1.495	-3.027	1.03362	1.22293	1.10941	1.03475	1.06940	1.24876	1.15522	1.07999
1.496	-2.055	1.02621	1.22817	1.11263	1.03793	1.06240	1.25407	1.15895	1.08192
1.496	-1.125	1.02286	1.23219	1.11545	1.04046	1.05992	1.25949	1.16326	1.08476
1.496	-.215	1.01580	1.22814	1.11259	1.03781	1.06189	1.26376	1.16755	1.08858
1.496	.831	1.01525	1.22490	1.10911	1.03431	1.06833	1.26663	1.17160	1.09302
1.496	1.895	1.01987	1.22061	1.10538	1.03089	1.07418	1.26445	1.17111	1.09321
	GRADIENT	-.00350	.00279	.00133	.00080	-.00075	.00537	.00459	.00344

IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE

(SCMO34) (03 OCT 91)

PARAMETRIC DATA

BETA = -1.000 PHI = 180.000

RUN NO. 1426/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.517	-8.000	.90213	1.13717	1.04831	.98697	.63157	.94355	1.15815	1.08449	1.02583	.66369
1.517	-6.983	.88116	1.15687	1.06213	.99839	.63872	.92424	1.18044	1.10123	1.03810	.67195
1.517	-5.985	.86969	1.17444	1.07440	1.00822	.64499	.91252	1.19859	1.11391	1.04710	.67852
1.517	-4.996	.85743	1.18822	1.07969	1.01263	.65045	.89876	1.21284	1.12495	1.05561	.68360
1.517	-4.008	.83513	1.20024	1.08731	1.01717	.65536	.87719	1.22676	1.13571	1.06301	.68826
1.516	-3.022	.81484	1.21264	1.09217	1.02090	.65721	.85730	1.23814	1.14267	1.06676	.69070
1.517	-2.055	.81200	1.22519	1.09915	1.02636	.66011	.85443	1.24938	1.15002	1.07220	.69405
1.517	-1.125	.82269	1.23088	1.10327	1.02909	.66096	.86208	1.25864	1.15517	1.07587	.69599
1.516	-.215	.83781	1.21566	1.09891	1.02435	.65560	.87980	1.26652	1.16092	1.08042	.70142
1.516	.830	.80454	1.22016	1.09422	1.01920	.65167	.85743	1.26551	1.16534	1.08576	.70789
1.517	1.895	.79978	1.21625	1.08867	1.01474	.64860	.85886	1.26019	1.16376	1.08562	.70978
	GRADIENT	-.00591	.00378	.00146	.00044	-.00044	-.00375	.00753	.00585	.00450	.00386

RUN NO. 1414/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.542	-8.004	.72276	1.13167	1.03925	.97920	.62304	.76429	1.15049	1.07594	1.01860	.66163
1.542	-6.982	.71985	1.15363	1.04872	.98608	.62987	.75926	1.17146	1.09176	1.03023	.66904
1.542	-5.990	.72776	1.17815	1.05637	.99202	.63569	.76731	1.19294	1.10487	1.03868	.67411
1.543	-4.995	.73985	1.20472	1.06986	1.00015	.64084	.77937	1.21858	1.11762	1.04736	.67964
1.542	-4.008	.78273	1.24004	1.08529	1.00998	.64448	.81913	1.25710	1.12861	1.05443	.68336
1.543	-3.022	.85579	1.20233	1.10045	1.01835	.64892	.88722	1.28768	1.14270	1.06144	.68677
1.542	-2.055	.88638	1.13761	1.10715	1.02404	.65125	.91645	1.25936	1.15077	1.06553	.68791
1.542	-1.125	.90616	1.09855	1.10815	1.02578	.65171	.93536	1.23403	1.15748	1.06968	.68916
1.543	-.215	.90862	1.07756	1.10116	1.02130	.65098	.94388	1.24585	1.16363	1.07495	.69445
1.543	.829	.89922	1.07384	1.09619	1.01690	.64747	.93941	1.27537	1.16749	1.07973	.69918
1.554	1.896	.87936	1.09333	1.09525	1.01369	.64461	.92147	1.29924	1.16348	1.07779	.69881
	GRADIENT	.02111	-.02457	.00286	.00169	.00057	.02170	.00631	.00712	.00468	.00290

IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE

(SCMO35) (03 OCT 91)

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 1355/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CP04
.599	-7.963	.70979	.76341	.69070	.63358	.26005	.69917	.74293	.67885	.62584	.24100
.600	-6.956	.73793	.78947	.71120	.65039	.27193	.72754	.76963	.69966	.64132	.25323
.600	-5.955	.76615	.81524	.73151	.66764	.28398	.75572	.79671	.72116	.65815	.26413
.600	-4.953	.78693	.83387	.74606	.68003	.29230	.77662	.81667	.73684	.67004	.27320
.601	-3.951	.80424	.84963	.75856	.69097	.30030	.79441	.83371	.75035	.68052	.28171
.600	-2.948	.81712	.86111	.76775	.69816	.30428	.80722	.84609	.75956	.68758	.28539
.601	-1.942	.82756	.87085	.77507	.70241	.30935	.81640	.85554	.76788	.69420	.29066
.601	-.922	.83374	.87586	.77906	.70531	.31152	.82264	.86180	.77290	.69745	.29325
.600	.192	.82862	.87004	.77094	.69641	.30122	.83137	.87112	.78253	.70677	.30349
.600	.869	.82462	.86638	.76855	.69403	.29903	.83171	.87235	.78475	.70958	.30630
.600	2.006	.81493	.85676	.76071	.68740	.29219	.82495	.86693	.78147	.70709	.30555
GRADIENT		.00412	.00336	.00203	.00081	-.00014	.00728	.00755	.00672	.00560	.00488

RUN NO. 1345/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CP04
.800	-7.968	.79667	.84789	.77222	.71210	.32470	.78975	.83080	.76381	.70833	.31018
.800	-6.952	.82344	.87315	.79214	.72353	.33653	.81601	.85695	.78425	.72385	.32189
.800	-5.951	.84581	.89405	.80829	.74321	.34560	.83836	.87929	.80149	.73719	.32992
.800	-4.950	.86598	.91285	.82334	.75634	.35460	.85786	.89870	.81682	.74902	.33942
.800	-3.955	.88096	.92655	.83413	.76572	.36144	.87306	.91375	.82868	.75811	.34649
.800	-2.948	.89327	.93796	.84332	.77328	.36738	.88601	.92605	.83906	.76634	.35240
.800	-1.946	.90190	.94691	.84966	.77658	.37050	.89520	.93544	.84679	.77217	.35611
.800	-.933	.90728	.95117	.85288	.77890	.37264	.90041	.94107	.85137	.77510	.35847
.800	.019	.90185	.94530	.84507	.77052	.36327	.90839	.94949	.86048	.78413	.36926
.800	1.009	.89899	.94216	.84343	.76883	.36131	.90607	.94794	.85992	.78405	.36901
.799	2.003	.89311	.93618	.83965	.76586	.35812	.89998	.94347	.85699	.78174	.36759
GRADIENT		.00375	.00323	.00205	.00093	.00018	.00639	.00673	.00608	.00498	.00435

RUN NO. 1333/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CP04
.900	-7.958	.85869	.90747	.83279	.77280	.39105	.85110	.89120	.82459	.76827	.37652
.900	-6.932	.88335	.93133	.85185	.78923	.40260	.87608	.91606	.84387	.78329	.38848
.900	-5.938	.90466	.95124	.86733	.80253	.41087	.89669	.93668	.85987	.79532	.39541
.900	-4.939	.92314	.96834	.88117	.81410	.41871	.91475	.95506	.87425	.80638	.40450
.900	-3.940	.93709	.98126	.89110	.82282	.42502	.92897	.96936	.88554	.81528	.41097
.900	-2.935	.94803	.99174	.89935	.82948	.42935	.94014	.98058	.89458	.82243	.41526
.900	-1.929	.95589	.99946	.90494	.83238	.43293	.94896	.98930	.90200	.82816	.41972
.900	-.918	.96086	1.00398	.90820	.83486	.43486	.95369	.99458	.90615	.83082	.42154
GRADIENT		.00937	.00890	.00675	.00510	.00400	.00973	.00984	.00798	.00614	.00426

IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE

(SCMO35) (03 OCT 91)

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 1324/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.100	-7.946	1.00616	1.05118	.97965	.92347	.57367	1.00609	1.04321	.98089	.92847	.57070
1.100	-6.934	1.02885	1.07344	.99770	.93922	.58509	1.02688	1.06378	.99669	.93998	.57874
1.100	-5.936	1.04693	1.09086	1.01178	.95090	.59253	1.04512	1.08222	1.01092	.95042	.58646
1.100	-4.941	1.06263	1.10587	1.02331	.96065	.59911	1.06038	1.09764	1.02302	.95954	.59327
1.100	-3.935	1.07493	1.11700	1.03250	.96791	.60394	1.07178	1.11000	1.03259	.96693	.59826
1.100	-2.935	1.08495	1.12627	1.03928	.97335	.60848	1.08257	1.12106	1.04159	.97416	.60337
1.100	-1.940	1.09176	1.13300	1.04404	.97603	.61143	1.08963	1.12799	1.04707	.97813	.60581
1.100	-.936	1.09658	1.13726	1.04737	.97847	.61327	1.09385	1.13297	1.05113	.98067	.60748
1.100	.059	1.09711	1.13731	1.04639	.97718	.61126	1.09385	1.13544	1.05364	.98290	.60989
1.100	.985	1.09376	1.13392	1.04458	.97549	.60991	1.09420	1.13446	1.05362	.98316	.61069
1.100	2.007	1.08949	1.12944	1.04178	.97370	.60830	1.08945	1.13021	1.05064	.98070	.60925
GRADIENT		.00391	.00347	.00259	.00173	.00126	.00433	.00480	.00408	.00311	.00235

RUN NO. 1370/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.250	-7.973	1.07803	1.12682	1.05197	.99363	.64244	1.07351	1.11517	1.04920	.99396	.63248
1.250	-6.948	1.10024	1.14847	1.06927	1.00847	.65269	1.09411	1.13631	1.06517	1.00576	.64090
1.250	-5.950	1.11754	1.16564	1.08239	1.01965	.65994	1.11250	1.15493	1.07956	1.01675	.64926
1.250	-4.947	1.13206	1.17991	1.09432	1.03004	.66673	1.12653	1.16898	1.09104	1.02523	.65606
1.250	-3.951	1.14416	1.19123	1.10322	1.03723	.67205	1.13777	1.18016	1.09991	1.03212	.66062
1.250	-2.948	1.15364	1.20037	1.11002	1.04195	.67577	1.14831	1.19100	1.10857	1.03867	.66494
1.250	-1.946	1.16136	1.20775	1.11529	1.04480	.67964	1.15642	1.19335	1.11539	1.04375	.66876
1.250	-.941	1.16587	1.21184	1.11804	1.04692	.68115	1.16031	1.20410	1.11909	1.04604	.67054
1.250	-.074	1.16262	1.20950	1.11449	1.04301	.67619	1.16446	1.20822	1.12383	1.05102	.67656
1.250	.987	1.15909	1.20509	1.11084	1.03912	.67195	1.16505	1.20981	1.12621	1.05366	.67984
1.249	2.026	1.15506	1.20059	1.10841	1.03753	.67050	1.15936	1.20426	1.12224	1.05037	.67721
GRADIENT		.00321	.00295	.00184	.00081	.00035	.00503	.00542	.00480	.00388	.00337

RUN NO. 1381/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.400	-7.977	1.09919	1.16490	1.08103	1.01865	.65829	1.09353	1.14924	1.07504	1.01510	.64816
1.400	-6.948	1.11944	1.18512	1.09630	1.03184	.66746	1.11177	1.16934	1.08992	1.02562	.65513
1.400	-5.951	1.13535	1.20155	1.10930	1.04298	.67422	1.12825	1.18740	1.10386	1.03614	.66253
1.400	-4.954	1.14998	1.21691	1.12135	1.05263	.68041	1.14278	1.20275	1.11600	1.04523	.66852
1.400	-3.952	1.16180	1.22799	1.12915	1.05892	.68475	1.15385	1.21463	1.12560	1.05249	.67258
1.400	-2.954	1.17055	1.23671	1.13541	1.06223	.68916	1.16368	1.22514	1.13399	1.05883	.67684
1.401	-1.948	1.17624	1.24303	1.13987	1.06514	.69111	1.17059	1.23260	1.13966	1.06231	.67928
1.400	-.948	1.18174	1.24878	1.14363	1.06815	.69272	1.17586	1.23902	1.14468	1.06569	.68132
1.400	.055	1.17785	1.24353	1.13649	1.06065	.68526	1.18113	1.24605	1.15279	1.07399	.68916
1.399	1.005	1.17556	1.24074	1.13457	1.05830	.68350	1.18006	1.24559	1.15314	1.07466	.68980
1.400	2.022	1.16959	1.23398	1.13042	1.05494	.68166	1.17416	1.23955	1.14949	1.07240	.68878
GRADIENT		.00280	.00252	.00117	.00014	-.00008	.00489	.00577	.00519	.00419	.00319

IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE

(SCMO35) (03 OCT 91)

PARAMETRIC DATA

MACH		RUN NO. 1392/ 0		RN/L = 2.49		GRADIENT INTERVAL = -5.00/ 5.00		BETA =		.000 PHI = 180.000	
ALPHA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12		
-7.974	1.09144	1.17277	1.08595	1.02409	.66562	1.08156	1.15081	1.07561	1.01560		CPO4
-6.945	1.10881	1.19189	1.10013	1.03529	.67306	1.09792	1.17076	1.09072	1.02634		.64893
-5.947	1.12321	1.20640	1.11204	1.04560	.67965	1.11388	1.18806	1.10369	1.03580		.65643
-4.945	1.13602	1.22139	1.12402	1.05506	.68473	1.12557	1.20245	1.11437	1.04323		.66313
-3.946	1.14861	1.23371	1.13162	1.06046	.68905	1.13744	1.21731	1.12556	1.05190		.66779
-2.942	1.15531	1.24079	1.13683	1.06230	.69266	1.14522	1.22851	1.13472	1.05847		.67310
-1.938	1.16117	1.24820	1.14231	1.06653	.69479	1.15145	1.23683	1.14059	1.06152		.67741
-.920	1.16928	1.25607	1.14670	1.07002	.69725	1.15862	1.24578	1.14668	1.06572		.67978
-.095	1.15943	1.24795	1.13717	1.06114	.68784	1.16605	1.25098	1.15470	1.07529		.68222
.993	1.15764	1.24620	1.13501	1.05785	.68396	1.16761	1.25341	1.15715	1.07711		.68286
2.018	1.15003	1.23666	1.12988	1.05382	.68165	1.15879	1.24471	1.15206	1.07400		.69479
GRADIENT	.00199	.00241	.00078	-.00025	-.00069	.00544	.00665	.00586	.00476		.69273
											.00398

MACH		RUN NO. 1437/ 0		RN/L = 2.49		GRADIENT INTERVAL = -5.00/ 5.00		CPC11		CPC12		CPC4	
ALPHA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CPC11	CPC12	CPC11	CPC4
-7.972	1.06833	1.16803	1.08033	1.01737	.65768	1.05978	1.15262	1.07589	1.01387	1.07589	1.01387	1.07589	.64321
-6.943	1.08475	1.18724	1.09470	1.02930	.66552	1.07464	1.17246	1.08976	1.02330	1.08976	1.02330	1.08976	.64974
-5.951	1.09629	1.20336	1.10692	1.04004	.67227	1.08589	1.18856	1.10199	1.03265	1.10199	1.03265	1.10199	.65677
-4.948	1.10512	1.21671	1.11633	1.04743	.67629	1.09456	1.20134	1.11146	1.03984	1.11146	1.03984	1.11146	.66144
-3.946	1.11210	1.22703	1.12195	1.05014	.68061	1.10099	1.21287	1.12065	1.04752	1.12065	1.04752	1.12065	.66613
-2.942	1.11711	1.23494	1.12666	1.05217	.68445	1.10584	1.22277	1.12853	1.05229	1.12853	1.05229	1.12853	.66939
-1.944	1.11884	1.24093	1.13148	1.05666	.68752	1.10779	1.23023	1.13468	1.05613	1.13468	1.05613	1.13468	.67224
-.923	1.12054	1.24526	1.13479	1.05964	.68876	1.10912	1.23346	1.13721	1.05788	1.13721	1.05788	1.13721	.67409
-.078	1.11255	1.23718	1.12672	1.05202	.68018	1.11942	1.24328	1.14637	1.06668	1.14637	1.06668	1.14637	.68485
1.009	1.11031	1.23585	1.12627	1.05098	.67711	1.11999	1.24271	1.14688	1.06763	1.14688	1.06763	1.14688	.68670
2.019	1.10893	1.23173	1.12367	1.04836	.67470	1.11803	1.23773	1.14328	1.06484	1.14328	1.06484	1.14328	.68517
GRADIENT	.00008	.00194	.00093	.00017	-.00047	.00361	.00562	.00492	.00384	.00492	.00384	.00384	.00380

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CPC4
1.496	-7.973	1.04842	1.17211	1.08304	1.02014	.66117	1.04154	1.15664	1.07925	1.01835	.64968
1.496	-6.944	1.05612	1.19166	1.09770	1.03220	.66915	1.04715	1.17715	1.09446	1.02907	.65669
1.496	-5.947	1.05861	1.20633	1.10849	1.04160	.67500	1.05029	1.19416	1.10720	1.03815	.66282
1.496	-4.949	1.06040	1.22178	1.11993	1.05108	.68124	1.05068	1.20770	1.11695	1.04535	.66771
1.496	-3.947	1.06084	1.23547	1.12831	1.05567	.68619	1.05048	1.22167	1.12845	1.05438	.67419
1.495	-2.944	1.05408	1.24228	1.13233	1.05794	.68843	1.04390	1.22969	1.13418	1.05736	.67644
1.496	-1.941	1.04718	1.24764	1.13584	1.06152	.69121	1.03670	1.23595	1.13839	1.05984	.67912
1.496	-.935	1.04115	1.25109	1.13789	1.06315	.69252	1.03001	1.24009	1.14126	1.06174	.68058
1.496	-.063	1.03569	1.25086	1.13750	1.06309	.69125	1.02968	1.24344	1.14403	1.06348	.68248
1.496	1.124	1.03736	1.24969	1.13653	1.06155	.69070	1.02862	1.24233	1.14418	1.06418	.68342
1.496	2.030	1.04066	1.24587	1.13565	1.06091	.69130	1.02762	1.23506	1.13830	1.05865	.67839
	GRADIENT	-.00377	.00320	.00201	.00137	.00122	-.00381	.00405	.00310	.00193	.00168

(SCMO35) (03 OCT 91)

PARAMETRIC DATA

MACH		BETA =										PHI = 180.000									
CPR		RN/L = 2.49										GRADIENT INTERVAL = -5.00/ 5.00									
ALPHA		CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4											
1.517	.92325	1.16101	1.07296	1.01212	.65724	.91272	1.14115	1.06491	1.00479	.64101											
1.517	.90314	1.18127	1.08749	1.02421	.66490	.89100	1.16222	1.07974	1.01519	.64777											
1.517	.89239	1.19712	1.09888	1.03351	.67040	.88113	1.18005	1.09290	1.02489	.65471											
1.518	.87138	1.21060	1.10532	1.03909	.67683	.85854	1.19459	1.10404	1.03349	.65989											
1.517	.85005	1.22129	1.11248	1.04243	.68045	.83671	1.20817	1.11423	1.03970	.66431											
1.518	.83496	1.23500	1.12023	1.04911	.68407	.82395	1.22272	1.12336	1.04543	.66833											
1.517	.82954	1.24519	1.12483	1.05231	.68559	.81962	1.23361	1.12832	1.04826	.67008											
1.517	.96748	1.25935	1.13374	1.05752	.68794	.96254	1.23382	1.13523	1.05273	.67180											
1.517	1.00836	1.23141	1.13001	1.05135	.68090	1.01428	1.24576	1.14727	1.06289	.68147											
1.517	.94208	1.23943	1.12244	1.04520	.67496	.94875	1.25828	1.14865	1.06694	.68734											
1.517	.82329	1.23673	1.11422	1.04081	.67423	.83073	1.24361	1.14270	1.06311	.68458											
1.517	.00906	.00340	.00181	.00046	-.00063	.01263	.00798	.00626	.00481	.00395											

GRADIENT

MACH		BETA =										PHI = 180.000									
CPR		RN/L = 2.49										GRADIENT INTERVAL = -5.00/ 5.00									
ALPHA		CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4											
1.543	.75217	1.15490	1.06433	1.00491	.64964	.73373	1.13116	1.05360	.99477	.63687											
1.543	.74870	1.17580	1.07478	1.01260	.65571	.73446	1.15315	1.06957	1.00696	.64403											
1.543	.75791	1.19900	1.08332	1.01964	.66248	.74581	1.17838	1.08535	1.01702	.65058											
1.543	.76646	1.22172	1.09460	1.02599	.66680	.75858	1.20555	1.09760	1.02492	.65576											
1.543	.82039	1.26566	1.11114	1.03720	.67210	.81165	1.25044	1.11046	1.03280	.66023											
1.543	.88186	1.26555	1.12305	1.04241	.67455	.87487	1.21616	1.12566	1.04025	.66302											
1.543	.91391	1.21698	1.13209	1.04890	.67751	.90683	1.15761	1.13322	1.04540	.66565											
1.543	.93440	1.17905	1.13701	1.05192	.67883	.92680	1.12269	1.13623	1.04798	.66699											
1.543	.93280	1.12769	1.12826	1.04360	.67281	.93887	1.14941	1.14760	1.05727	.67306											
1.543	.92557	1.12946	1.12487	1.04027	.66970	.93315	1.17632	1.15070	1.06040	.67763											
1.543	.90387	1.16675	1.12071	1.03705	.66817	.90899	1.21302	1.14534	1.05668	.67478											
1.542	.02003	-.01812	.00330	.00121	-.00007	.02255	-.00665	.00727	.00498	.00303											

GRADIENT

IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE (SCM036) (03 OCT 91)

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 1335/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
.900	-7.958	.85791	.90714	.83197	.77244	.39077	.85201	.89177	.82540	.76977	.37812
.900	-6.937	.88239	.93092	.85081	.78879	.40199	.87630	.91607	.84395	.78408	.38890
.900	-5.938	.90463	.95204	.86764	.80341	.41217	.89698	.93710	.86040	.79641	.39645
.900	-4.934	.92214	.96802	.87995	.81369	.41862	.91431	.95437	.87371	.80643	.40457
.900	-3.935	.93704	.98201	.89147	.82375	.42611	.92878	.96919	.88547	.81563	.41139
.900	-2.935	.94726	.99179	.89875	.82957	.42984	.94024	.98067	.89481	.82333	.41635
.900	-1.929	.95506	.99939	.90409	.83216	.43271	.94843	.98859	.90143	.82807	.41926
.900	-.918	.96109	1.00474	.90841	.83573	.43587	.95409	.99482	.90664	.83182	.42259
.900	.038	.95523	.99834	.90045	.82723	.42653	.96090	1.00239	.91482	.83972	.43145
.900	.980	.95177	.99433	.89773	.82412	.42347	.96019	1.00205	.91562	.84103	.43334
.900	2.008	.94696	.98948	.89493	.82230	.42150	.95334	.99644	.91152	.83755	.43061
	GRADIENT	.00336	.00288	.00177	.00073	.00002	.00601	.00639	.00579	.00479	.00410

IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE

(SCM037) (03 OCT 91)

PARAMETRIC DATA

BETA = 1.000 PHI = 180.000

RUN NO. 1357/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
.599	-7.940	.73029	.78328	.71368	.65663	.28693	.67818	.72271	.65613	.60199	.21502
.600	-6.915	.76055	.81214	.73653	.67617	.30053	.70801	.75156	.67900	.61943	.22787
.599	-5.911	.78580	.83441	.75341	.69043	.30952	.73322	.77445	.69644	.63223	.23425
.600	-4.906	.80918	.85580	.77099	.70587	.32168	.75731	.79715	.71480	.64651	.24697
.600	-3.889	.82501	.87003	.78198	.71540	.32747	.77348	.81261	.72653	.65542	.25318
.600	-2.869	.83825	.88263	.79217	.72370	.33262	.78705	.82585	.73722	.66368	.25844
.601	-1.831	.84870	.89149	.80012	.72947	.33708	.79921	.83743	.74756	.67215	.26544
.601	-.777	.85141	.89333	.80051	.72886	.33585	.80537	.84388	.75286	.67590	.26922
.601	.297	.84872	.88950	.79506	.72219	.32996	.80987	.84841	.75781	.68029	.27384
.600	1.188	.84257	.88443	.79043	.71772	.32421	.81113	.85042	.76134	.68447	.27878
.600	2.118	.83572	.87781	.78588	.71504	.32105	.80384	.84466	.75723	.68116	.27678
	GRADIENT	.00369	.00298	.00188	.00087	-.00032	.00698	.00705	.00636	.00521	.00456

IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE

(SCMO37) (03 OCT 91)

PARAMETRIC DATA

BETA = 1.000 PHI = 180.000

RUN NO. 1346/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
.800	-7.940	.81752	.86805	.79476	.73621	.35245	.76872	.81044	.74128	.68355	.28202
.800	-6.922	.84369	.89298	.81445	.75331	.36387	.79604	.83696	.76222	.69974	.29460
.800	-5.920	.86675	.91479	.83174	.76815	.37470	.81890	.85952	.77963	.71342	.30315
.800	-4.914	.88698	.93374	.84667	.78096	.38324	.83882	.87895	.79465	.72502	.31201
.800	-3.906	.90111	.94737	.85732	.79031	.39018	.85407	.89443	.80685	.73458	.31982
.800	-2.889	.91218	.95791	.86614	.79709	.39418	.86660	.90658	.81678	.74271	.32511
.801	-1.867	.92065	.96591	.87278	.80166	.39838	.87624	.91602	.82508	.74923	.33064
.800	-.834	.92517	.96947	.87515	.80277	.39806	.88246	.92307	.83072	.75326	.33387
.800	.218	.92408	.96760	.87174	.79838	.39445	.88560	.92593	.83426	.75616	.33692
.800	1.129	.91892	.96254	.86779	.79490	.38928	.88544	.92649	.83574	.75816	.33945
.800	2.084	.91255	.95643	.86349	.79229	.38665	.87855	.92089	.83176	.75517	.33784
GRADIENT		.00370	.00321	.00227	.00129	.00026	.00594	.00618	.00550	.00444	.00377

RUN NO. 1336/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
.900	-7.943	.87779	.92695	.85427	.79609	.41815	.83171	.87233	.80338	.74639	.35097
.900	-6.915	.90199	.95004	.87232	.81184	.42869	.85578	.89581	.82176	.75967	.36131
.900	-5.910	.92342	.97091	.88905	.82610	.43847	.87685	.91675	.83795	.77207	.36843
.900	-4.905	.94178	.98798	.90263	.83773	.44621	.89575	.93536	.85252	.78380	.37803
.900	-3.894	.95540	1.00069	.91260	.84650	.45231	.91003	.94979	.86366	.79240	.38470
.901	-2.879	.96600	1.01151	.92117	.85372	.45718	.92206	.96176	.87371	.80050	.39069
.900	-1.852	.97364	1.01868	.92699	.85741	.46010	.93117	.97075	.88148	.80657	.39514
.900	-.819	.97726	1.02141	.92872	.85791	.45933	.93624	.97690	.88633	.80985	.39780
.900	.231	.97634	1.01999	.92563	.85397	.45600	.93932	.97993	.88996	.81301	.40124
.900	1.141	.97139	1.01499	.92180	.85070	.45130	.93882	.98013	.89096	.81459	.40349
.900	2.095	.96530	1.00907	.91776	.84821	.44873	.93272	.97496	.88742	.81179	.40197
GRADIENT		.00335	.00297	.00201	.00116	.00012	.00548	.00583	.00517	.00414	.00351

RUN NO. 1325/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.100	-7.949	1.02422	1.06945	1.00034	.94523	.59907	.98673	1.02419	.95953	.90571	.54541
1.100	-6.926	1.04638	1.09062	1.01717	.95934	.60901	1.00908	1.04641	.97718	.91897	.55521
1.100	-5.948	1.06313	1.10736	1.03032	.97049	.61555	1.02666	1.06395	.99067	.92906	.56214
1.100	-4.924	1.08009	1.12324	1.04344	.98149	.62334	1.04308	1.08051	1.00372	.93921	.56983
1.100	-3.925	1.09231	1.13443	1.05229	.98886	.62803	1.05546	1.09262	1.01331	.94613	.57468
1.100	-2.919	1.10140	1.14362	1.05925	.99478	.63224	1.06554	1.10321	1.02209	.95334	.57956
1.100	-1.912	1.10782	1.14929	1.06382	.99734	.63479	1.07292	1.11021	1.02769	.95744	.58253
1.100	-.917	1.11230	1.15334	1.06695	.99972	.63575	1.07799	1.11655	1.03269	.96099	.58545
1.100	.089	1.11325	1.15377	1.06626	.99814	.63471	1.07884	1.11720	1.03390	.96172	.58591
1.100	1.052	1.11085	1.15132	1.06507	.99754	.63327	1.07741	1.11636	1.03340	.96135	.58594
1.100	2.026	1.10593	1.14624	1.06174	.99600	.63145	1.07201	1.11135	1.02981	.95841	.58404
GRADIENT		.00377	.00337	.00260	.00189	.00110	.00429	.00460	.00389	.00287	.00213

IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE

(SCM037) (03 OCT 91)

PARAMETRIC DATA

BETA = 1.000 PHI = 180.000

RUN NO. 1371/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.250	-7.949	1.09742	1.14578	1.07325	1.01592	.66726	1.05617	1.09760	1.02964	.97291	.60955
1.250	-6.928	1.11817	1.16659	1.08940	1.02978	.67660	1.07597	1.11808	1.04517	.98410	.61742
1.250	-5.920	1.13590	1.18411	1.10323	1.04131	.68406	1.09456	1.13721	1.05981	.99518	.62548
1.250	-4.923	1.14997	1.19762	1.11453	1.05086	.69030	1.10874	1.15119	1.07092	1.00387	.63195
1.250	-3.909	1.16211	1.20936	1.12402	1.05861	.69559	1.12066	1.16290	1.08038	1.01130	.63726
1.250	-2.895	1.17107	1.21831	1.13040	1.06368	.69918	1.13124	1.17355	1.08893	1.01799	.64209
1.250	-1.882	1.17779	1.22472	1.13554	1.06685	.70229	1.13918	1.18179	1.09588	1.02291	.64626
1.250	-.860	1.18177	1.22801	1.13694	1.06716	.70234	1.14416	1.18752	1.10054	1.02620	.64915
1.250	.186	1.18165	1.22746	1.13559	1.06521	.70025	1.14627	1.18937	1.10287	1.02814	.65153
1.250	1.122	1.17764	1.22358	1.13302	1.06298	.69649	1.14559	1.18914	1.10338	1.02921	.65325
1.250	2.079	1.17258	1.21867	1.12993	1.06121	.69461	1.14120	1.18497	1.10100	1.02784	.65277
GRADIENT		.00325	.00298	.00203	.00119	.00046	.00479	.00501	.00443	.00346	.00305

RUN NO. 1382/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.399	-7.955	1.12012	1.18457	1.10270	1.04120	.68327	1.07309	1.12947	1.05338	.99178	.62396
1.400	-6.930	1.13976	1.20454	1.11763	1.05389	.69136	1.09252	1.15016	1.06903	1.00325	.63182
1.400	-5.923	1.15597	1.22150	1.13145	1.06617	.69893	1.10942	1.16823	1.08274	1.01358	.63887
1.400	-4.921	1.16873	1.23595	1.14301	1.07514	.70417	1.12253	1.18276	1.09393	1.0212	.64384
1.400	-3.914	1.18128	1.24748	1.15140	1.08180	.70941	1.13497	1.19562	1.10394	1.02998	.64879
1.400	-2.905	1.18928	1.25541	1.15711	1.08527	.71245	1.14495	1.20680	1.11293	1.03640	.65296
1.400	-1.890	1.19446	1.26162	1.16253	1.08867	.71497	1.15163	1.21414	1.11917	1.04039	.65629
1.400	-.870	1.19929	1.26637	1.16446	1.08956	.71544	1.15711	1.21992	1.12408	1.04393	.65927
1.400	.172	1.19924	1.26501	1.16213	1.08683	.71281	1.15950	1.22266	1.12725	1.04596	.66177
1.400	1.117	1.19505	1.26052	1.15884	1.08339	.70914	1.15877	1.22327	1.12897	1.04919	.66407
1.400	2.073	1.18893	1.25370	1.15455	1.08063	.70701	1.15388	1.21818	1.12642	1.04757	.66335
GRADIENT		.00293	.00267	.00162	.00063	.00025	.00462	.00523	.00476	.00368	.00288

RUN NO. 1394/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.450	-7.943	1.11219	1.19216	1.10748	1.04603	.68933	1.06042	1.13040	1.05303	.99173	.62432
1.450	-6.906	1.13149	1.21237	1.12267	1.05846	.69825	1.07846	1.15174	1.06930	1.00382	.63238
1.450	-5.901	1.14550	1.22748	1.13502	1.06882	.70461	1.09367	1.16946	1.08313	1.01391	.63895
1.450	-4.896	1.15707	1.24180	1.14655	1.07761	.70913	1.10548	1.18312	1.09327	1.02127	.64362
1.450	-3.882	1.16959	1.25378	1.15417	1.08358	.71365	1.11715	1.19701	1.10354	1.02864	.64817
1.450	-2.864	1.17605	1.26064	1.15958	1.08627	.71678	1.12581	1.20934	1.11381	1.03599	.65298
1.450	-1.834	1.18099	1.26766	1.16566	1.09105	.71930	1.13247	1.21726	1.12063	1.04060	.65631
1.450	-.781	1.18622	1.27353	1.16622	1.09042	.71942	1.13834	1.22354	1.12551	1.04462	.65931
1.450	.281	1.18619	1.27127	1.16279	1.08666	.71667	1.14416	1.22775	1.12877	1.04792	.66466
1.450	1.175	1.17960	1.26835	1.16099	1.08355	.71206	1.14391	1.22872	1.13123	1.05052	.66836
1.450	2.113	1.17115	1.25758	1.15482	1.07940	.70892	1.13780	1.22252	1.12831	1.04876	.66764
GRADIENT		.00223	.00266	.00124	.00018	-.00009	.00501	.00589	.00514	.00405	.00363

IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE

(SCMO37) (03 OCT 91)

PARAMETRIC DATA

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CP04
1.471	-7.882	1.09253	1.19023	1.10416	1.04176	.68349	1.03838	1.13310	1.05418	.99064	.61888
1.471	-6.913	1.10774	1.20787	1.11687	1.05243	.69024	1.05356	1.15308	1.06908	1.00156	.62606
1.471	-5.908	1.11881	1.22384	1.12914	1.06295	.69667	1.06477	1.16853	1.08037	1.01015	.63194
1.471	-4.903	1.12895	1.23752	1.13955	1.07156	.70220	1.07531	1.18324	1.09158	1.01871	.63865
1.471	-3.888	1.13452	1.24664	1.14452	1.07420	.70577	1.08112	1.19398	1.09959	1.02487	.64225
1.471	-2.871	1.13914	1.25414	1.14952	1.07588	.70904	1.08624	1.20464	1.10795	1.03050	.64648
1.471	-1.843	1.14143	1.25991	1.15467	1.08044	.71168	1.09012	1.21341	1.11470	1.03520	.65059
1.471	-.800	1.14042	1.26280	1.15656	1.08182	.71178	1.09131	1.21824	1.11906	1.03859	.65296
1.471	.260	1.13785	1.25946	1.15149	1.07615	.70728	1.09528	1.22020	1.12210	1.04186	.65673
1.471	1.159	1.13329	1.25528	1.14786	1.07269	.70302	1.09689	1.22162	1.12280	1.04193	.65985
1.471	2.104	1.13116	1.25091	1.14692	1.07216	.70087	1.09675	1.21786	1.12091	1.04096	.65951
GRADIENT		.00008	.00188	.00092	.00001	-.00031	.00305	.00514	.00437	.00331	.00316

BETA = 1.000 PHI = 180.000

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CP04
1.496	-7.947	1.07184	1.19248	1.10503	1.04295	.68605	1.01914	1.13630	1.05707	.99483	.62498
1.496	-6.916	1.08030	1.21265	1.12004	1.05551	.69421	1.02543	1.15745	1.07300	1.00656	.63308
1.496	-5.906	1.08351	1.22795	1.13208	1.06596	.70043	1.02872	1.17490	1.08602	1.01635	.63900
1.496	-4.902	1.08502	1.24262	1.14325	1.07525	.70602	1.03038	1.18927	1.09690	1.02419	.64446
1.496	-3.892	1.08563	1.25513	1.15150	1.08007	.71064	1.02940	1.20135	1.10607	1.03062	.64867
1.496	-2.878	1.08050	1.26155	1.15592	1.08178	.71312	1.02537	1.21240	1.11414	1.03592	.65312
1.496	-1.852	1.07330	1.26641	1.15877	1.08461	.71514	1.01882	1.22045	1.11975	1.03991	.65645
1.496	-.814	1.06605	1.26855	1.15933	1.08499	.71457	1.01321	1.22416	1.12365	1.04322	.65900
1.496	.247	1.06131	1.26632	1.15642	1.08182	.71171	1.01456	1.22720	1.12752	1.04672	.66237
1.496	1.157	1.05970	1.26154	1.15243	1.07790	.70809	1.01862	1.22846	1.12869	1.04744	.66404
1.496	2.104	1.06116	1.25652	1.14940	1.07511	.70604	1.02294	1.22469	1.12697	1.04612	.66341
GRADIENT		-.00429	.00179	.00061	-.00011	-.00019	-.00173	.00513	.00436	.00324	.00284

BETA = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CP04
1.517	-7.947	.94371	1.18281	1.09638	1.03616	.68215	.88097	1.12223	1.04415	.98285	.61779
1.518	-6.916	.92657	1.20360	1.11153	1.04871	.68957	.86240	1.14504	1.06011	.99441	.62586
1.517	-5.913	.91445	1.21877	1.12288	1.05786	.69560	.84978	1.16205	1.07180	1.00300	.63113
1.518	-4.902	.89202	1.23185	1.13027	1.06449	.70156	.82660	1.17740	1.08398	1.01160	.63743
1.518	-3.893	.86683	1.24346	1.13814	1.06819	.70568	.79850	1.19080	1.09335	1.01737	.64136
1.517	-2.908	.85346	1.25440	1.14478	1.07400	.70882	.79046	1.20637	1.10254	1.02324	.64538
1.518	-1.853	.84880	1.26426	1.14946	1.07741	.71125	.79008	1.21919	1.10962	1.02811	.64883
1.518	-.808	.85963	1.27167	1.15177	1.07801	.70955	.81047	1.22141	1.11467	1.03254	.65243
1.518	.246	.95125	1.28516	1.15304	1.07634	.70523	.92092	1.19871	1.11757	1.03668	.65584
1.518	1.157	.86933	1.26714	1.14473	1.07062	.70009	.83193	1.22892	1.12082	1.03852	.65838
1.518	2.102	.84435	1.25413	1.13830	1.06569	.69813	.80271	1.22332	1.11801	1.03689	.65843
GRADIENT		.00001	.00450	.00141	.00035	-.00074	.00510	.00577	.00504	.00388	.00316

BETA = -5.00/ 5.00

IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE

(SCMO37) (03 OCT 91)

PARAMETRIC DATA

BETA = 1.000 PHI = 180.000

RUN NO. 1417/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.543	-7.946	.77642	1.17505	1.08674	1.02772	.67336	.71366	1.11293	1.03296	.97295	.61474
1.543	-6.915	.77396	1.19552	1.09964	1.03812	.68029	.71170	1.13536	1.04876	.98503	.62128
1.543	-5.911	.78074	1.21584	1.10672	1.04361	.68647	.72261	1.16261	1.06368	.99350	.62711
1.542	-4.907	.78999	1.23719	1.11815	1.05046	.69208	.73655	1.19032	1.07711	1.00213	.63253
1.554	-3.893	.83063	1.27035	1.13176	1.05989	.69649	.78064	1.22440	1.08987	1.01004	.63651
1.554	-2.878	.89542	1.31379	1.14312	1.06525	.69866	.85225	1.14767	1.10635	1.01934	.64038
1.554	-1.847	.92457	1.30363	1.15123	1.07029	.70091	.88396	1.09491	1.10980	1.02459	.64394
1.543	-.811	.94116	1.27808	1.15417	1.07137	.70028	.90287	1.07224	1.10982	1.02683	.64646
1.543	.246	.94524	1.25425	1.15203	1.06849	.69717	.91029	1.07398	1.11320	1.02978	.64953
1.554	1.160	.93516	1.24748	1.14669	1.06372	.69290	.90371	1.09264	1.12137	1.03428	.64979
1.554	2.101	.91636	1.26987	1.13989	1.05874	.69103	.88486	1.13099	1.12240	1.03294	.64904
	GRADIENT	.01875	-.00107	.00308	.00107	-.00034	.02198	-.01579	.00585	.00439	.00251

IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE

(SCMO38) (03 OCT 91)

PARAMETRIC DATA

BETA = 2.000 PHI = 180.000

RUN NO. 1358/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
.599	-7.904	.75223	.80530	.73785	.68190	.31527	.65520	.70072	.63190	.57564	.18577
.599	-6.881	.78264	.83273	.75960	.70064	.32886	.68657	.72988	.65468	.59347	.20058
.600	-5.867	.80808	.85588	.77774	.71602	.33963	.71285	.75404	.67373	.60814	.20898
.600	-4.858	.82932	.87529	.79306	.72910	.34830	.73564	.77568	.69093	.62164	.21972
.600	-3.840	.84565	.88953	.80468	.73972	.35507	.75213	.79119	.70281	.63093	.22540
.600	-2.811	.85803	.90060	.81426	.74753	.35984	.76649	.80439	.71377	.63934	.23219
.601	-1.776	.86584	.90768	.81970	.75157	.36105	.77730	.81538	.72248	.64603	.23775
.601	-.745	.86999	.91155	.82234	.75315	.36135	.78495	.82265	.72989	.65134	.24237
.600	.265	.86814	.90954	.81950	.74953	.35870	.78767	.82567	.73319	.65433	.24520
.600	1.223	.86460	.90590	.81629	.74657	.35433	.78708	.82612	.73410	.65533	.24632
.600	2.191	.85668	.89811	.81007	.74138	.35012	.78131	.82101	.73109	.65404	.24655
	GRADIENT	.00383	.00325	.00234	.00154	.00009	.00671	.00667	.00596	.00472	.00397

IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE

(SCMO38) (03 OCT 91)

PARAMETRIC DATA

BETA = 2.000 PHI = 180.000

RUN NO. 1347/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
.800	-7.919	.83804	.88787	.81729	.76020	.38100	.74776	.79006	.71834	.65937	.25427
.800	-6.895	.86448	.91313	.83755	.77775	.39346	.77463	.81533	.73811	.67397	.26639
.800	-5.889	.88711	.93467	.85444	.79200	.40259	.79861	.83857	.75653	.68853	.27506
.800	-4.881	.90581	.95242	.86840	.80353	.41039	.81830	.85778	.77126	.70025	.28462
.801	-3.865	.92150	.96721	.88047	.81447	.41858	.83460	.87356	.78403	.71052	.29253
.800	-2.851	.93212	.97754	.89906	.82111	.42254	.84657	.88578	.79369	.71801	.29704
.800	-1.828	.93932	.98428	.89452	.82523	.42467	.85655	.89626	.80211	.72468	.30279
.800	-.810	.94285	.98722	.89637	.82620	.42487	.86266	.90224	.80792	.72871	.30662
.800	.191	.94216	.98626	.89489	.82390	.42260	.86479	.90339	.81054	.73094	.30888
.800	1.155	.93893	.98284	.89211	.82135	.41923	.86320	.90353	.81023	.73081	.30926
.799	2.140	.93185	.97569	.88625	.81676	.41456	.85743	.89842	.80697	.72872	.30794
GRADIENT		.00362	.00323	.00242	.00164	.00041	.00569	.00587	.00521	.00409	.00340

RUN NO. 1337/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
.900	-7.896	.90077	.94882	.87864	.82191	.44819	.81078	.85148	.77960	.72060	.32189
.900	-6.892	.92195	.96940	.89436	.83535	.45586	.83617	.87626	.79563	.73631	.33445
.900	-5.884	.94308	.98996	.91069	.84924	.46525	.85810	.89760	.81659	.74978	.34272
.900	-4.866	.96038	1.00648	.92345	.86004	.47256	.87647	.91554	.83072	.76010	.35152
.900	-3.856	.97409	1.01954	.93404	.86906	.47862	.89081	.92945	.84166	.76880	.35742
.900	-2.837	.98465	1.02982	.94272	.87638	.48362	.90289	.94176	.85154	.77724	.36328
.900	-1.812	.99141	1.03635	.94809	.88054	.48598	.91221	.95156	.85949	.78315	.36837
.900	-.794	.99452	1.03899	.94988	.88122	.48582	.91765	.95735	.86475	.78670	.37158
.900	.206	.99416	1.03834	.94863	.87932	.48379	.92009	.95847	.86752	.78920	.37396
.900	1.169	.99108	1.03496	.94587	.87699	.48074	.91861	.95866	.86728	.78912	.37460
.900	2.144	.98494	1.02880	.94083	.87267	.47692	.91398	.95458	.86499	.78799	.37440
GRADIENT		.00345	.00313	.00240	.00165	.00051	.00547	.00566	.00502	.00400	.00335

RUN NO. 1326/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.099	-7.940	1.04249	1.08699	1.02035	.96603	.62392	.96850	1.00577	.93905	.88357	.52113
1.100	-6.917	1.06377	1.10771	1.03668	.98006	.63307	.99049	1.02794	.95638	.89694	.53094
1.101	-5.915	1.08224	1.12527	1.05089	.99229	.64120	1.01004	1.04688	.97155	.90854	.53941
1.100	-4.909	1.09653	1.13930	1.06200	1.00136	.64654	1.02514	1.06189	.98315	.91725	.54565
1.100	-3.914	1.10931	1.15148	1.07175	1.00971	.65230	1.03820	1.07456	.99326	.92519	.55104
1.100	-2.910	1.11860	1.16052	1.07899	1.01614	.65654	1.04873	1.08527	1.00201	.93226	.55559
1.100	-1.907	1.12472	1.16637	1.08383	1.01991	.65848	1.05660	1.09340	1.00878	.93713	.55935
1.100	-.921	1.12828	1.16988	1.08637	1.02147	.65926	1.06105	1.09834	1.01283	.93986	.56154
1.100	.066	1.12957	1.17072	1.08691	1.02144	.65908	1.06239	1.09737	1.01376	.94059	.56210
1.100	1.035	1.12743	1.16853	1.08542	1.02028	.65762	1.05966	1.09712	1.01241	.93892	.56053
1.100	2.039	1.12293	1.16377	1.08205	1.01781	.65597	1.05491	1.09293	1.00972	.93694	.55949
GRADIENT		.00375	.00350	.00283	.00223	.00122	.00435	.00447	.00386	.00282	.00200

IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE

(SCM038) (03 OCT 91)

PARAMETRIC DATA

BETA = 2.000 PHI = 180.000

RUN NO. 1372/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CP04
1.249	-7.933	1.11583	1.16360	1.09344	1.03730	.69174	1.03674	1.07848	1.00903	.95038	.58512
1.250	-6.901	1.13655	1.18447	1.10963	1.05077	.70059	1.05784	1.09970	1.02532	.96235	.59370
1.250	-5.895	1.15428	1.20190	1.12350	1.06254	.70815	1.07632	1.11846	1.03928	.97359	.60202
1.251	-4.885	1.16840	1.21563	1.13487	1.07243	.71472	1.09163	1.13390	1.05138	.98290	.60899
1.250	-3.881	1.17927	1.22640	1.14376	1.07919	.71897	1.10295	1.14479	1.06005	.98957	.61366
1.251	-2.865	1.18869	1.23535	1.15050	1.08517	.72315	1.11323	1.15502	1.06839	.99630	.61869
1.250	-1.850	1.19434	1.24084	1.15479	1.08820	.72452	1.12118	1.16337	1.07519	1.00087	.62250
1.250	-.841	1.19761	1.24399	1.15673	1.08874	.72476	1.12619	1.16896	1.07963	1.00393	.62560
1.250	.160	1.19778	1.24392	1.15586	1.08708	.72329	1.12761	1.16840	1.08114	1.00540	.62701
1.249	1.132	1.19558	1.24152	1.15455	1.08636	.72135	1.12634	1.16911	1.08115	1.00549	.62737
1.250	2.124	1.18931	1.23522	1.14980	1.08281	.71786	1.12188	1.16513	1.07887	1.00419	.62678
GRADIENT		.00309	.00289	.00211	.00137	.00042	.00449	.00460	.00406	.00308	.00263

RUN NO. 1383/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CP04
1.400	-7.936	1.14188	1.20506	1.12522	1.06483	.70894	1.05230	1.10969	1.03149	.96818	.59968
1.400	-6.910	1.16119	1.22475	1.14014	1.07734	.71697	1.07280	1.13082	1.04774	.98045	.60805
1.400	-5.900	1.17620	1.24083	1.15342	1.08859	.72361	1.08939	1.14843	1.06141	.99075	.61508
1.400	-4.897	1.18932	1.25547	1.16501	1.09798	.72928	1.10405	1.16354	1.07286	1.00015	.62090
1.400	-3.883	1.20026	1.26604	1.17282	1.10407	.73360	1.11488	1.17534	1.08196	1.00657	.62504
1.400	-2.875	1.20918	1.27426	1.17931	1.10926	.73773	1.12493	1.18658	1.09134	1.01327	.62942
1.400	-1.860	1.21385	1.27952	1.18402	1.11276	.73914	1.13255	1.19560	1.09825	1.01816	.63345
1.400	-.854	1.21640	1.28315	1.18593	1.11260	.73894	1.13701	1.20058	1.10253	1.02132	.63580
1.400	.146	1.21743	1.28384	1.18545	1.11140	.73826	1.13936	1.20074	1.10525	1.02427	.63845
1.399	1.119	1.21425	1.27958	1.18249	1.10906	.73518	1.13706	1.20133	1.10499	1.02394	.63790
1.400	2.113	1.20900	1.27311	1.17785	1.10611	.73306	1.13407	1.19868	1.10452	1.02442	.63894
GRADIENT		.00281	.00267	.00190	.00106	.00043	.00440	.00505	.00456	.00349	.00262

RUN NO. 1395/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CP04
1.449	-7.907	1.13522	1.21300	1.13105	1.06971	.71547	1.03866	1.10952	1.03005	.96714	.59885
1.449	-6.875	1.15232	1.23160	1.14427	1.08005	.72235	1.05625	1.12966	1.04521	.97834	.60629
1.450	-5.863	1.16620	1.24619	1.15591	1.09066	.72841	1.07171	1.14825	1.05953	.98907	.61337
1.450	-4.848	1.17994	1.26232	1.16956	1.10167	.73509	1.08669	1.16383	1.07186	.99891	.62009
1.450	-3.831	1.19086	1.27371	1.17662	1.10696	.73893	1.09728	1.17668	1.08201	1.00621	.62458
1.450	-2.807	1.19896	1.28029	1.18222	1.11089	.74257	1.10679	1.18912	1.09154	1.01244	.62873
1.450	-1.777	1.20169	1.28587	1.18797	1.11579	.74469	1.11293	1.19874	1.09967	1.01828	.63328
1.450	-.748	1.20281	1.29005	1.18942	1.11440	.74323	1.11672	1.20199	1.10349	1.02120	.63568
1.450	.258	1.20243	1.29070	1.18837	1.11234	.74180	1.11991	1.20273	1.10588	1.02404	.63916
1.450	1.219	1.19918	1.28571	1.18593	1.11075	.73849	1.11931	1.20456	1.10682	1.02510	.64114
1.449	2.188	1.19164	1.27591	1.17764	1.10458	.73431	1.11539	1.20049	1.10529	1.02421	.64142
GRADIENT		.00162	.00229	.00148	.00052	-.00012	.00421	.00523	.00480	.00367	.00314

IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE

(SCMO38) (03 OCT 91)

PARAMETRIC DATA

BETA = 2.000 PHI = 180.000

RUN NO. 1439/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CP03	CPL	CPC10	CPC11	CPC12	CP04
1.471	-7.914	1.11593	1.21046	1.12684	1.06516	.70894	1.01697	1.11164	1.03077	.96627	.59380
1.471	-6.874	1.13171	1.22852	1.13931	1.07572	.71507	1.03291	1.13289	1.04723	.97855	.60210
1.471	-5.871	1.14225	1.24356	1.15115	1.08571	.72118	1.04428	1.14870	1.05926	.98772	.60797
1.471	-4.859	1.15050	1.25646	1.16078	1.09314	.72636	1.05436	1.16288	1.07020	.99632	.61430
1.471	-3.843	1.15797	1.26652	1.16745	1.09762	.73100	1.06189	1.17498	1.07910	1.00317	.61853
1.471	-2.823	1.16270	1.27395	1.17282	1.10027	.73399	1.06777	1.18522	1.08702	1.00819	.62250
1.471	-1.794	1.16423	1.27839	1.17631	1.10327	.73524	1.07131	1.19473	1.09347	1.01264	.62615
1.471	-.767	1.16311	1.27984	1.17736	1.10346	.73490	1.07376	1.19874	1.09789	1.01621	.62935
1.471	.237	1.16059	1.27798	1.17462	1.09987	.73157	1.07540	1.19820	1.09984	1.01841	.63187
1.471	1.199	1.15913	1.27556	1.17246	1.09751	.72874	1.07646	1.20154	1.10065	1.01854	.63379
1.471	2.176	1.15606	1.27002	1.16951	1.09582	.72556	1.07688	1.19668	1.09877	1.01751	.63479
GRADIENT		.00046	.00184	.00111	.00022	-.00028	.00303	.00490	.00416	.00308	.00297

RUN NO. 1406/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CP03	CPL	CPC10	CPC11	CPC12	CP04
1.496	-7.918	1.09798	1.21464	1.12903	1.06754	.71209	.99868	1.11673	1.03550	.97186	.60122
1.496	-6.885	1.10770	1.23403	1.14356	1.07997	.72028	1.00602	1.13662	1.05046	.98290	.60866
1.496	-5.877	1.11033	1.24855	1.15516	1.08978	.72579	1.00940	1.15478	1.06442	.99392	.61537
1.496	-4.860	1.11436	1.26315	1.16712	1.09984	.73143	1.01463	1.17080	1.07676	1.00332	.62198
1.496	-3.851	1.11121	1.27397	1.17417	1.10426	.73456	1.01131	1.18135	1.08436	1.00806	.62457
1.496	-2.829	1.10907	1.28126	1.17910	1.10586	.73773	1.00932	1.19357	1.09281	1.01350	.62883
1.496	-1.803	1.09996	1.28460	1.18065	1.10726	.73849	1.00178	1.20327	1.09911	1.01779	.63228
1.496	-.781	1.09712	1.28673	1.18157	1.10762	.73825	1.00119	1.20552	1.10370	1.02182	.63574
1.496	.222	1.09319	1.28510	1.17943	1.10537	.73534	1.00069	1.20530	1.10478	1.02309	.63713
1.496	1.186	1.09286	1.28169	1.17695	1.10288	.73380	1.00330	1.20863	1.10580	1.02305	.63766
1.496	2.167	1.09385	1.27624	1.17282	1.09910	.73063	1.00823	1.20507	1.10436	1.02210	.63795
GRADIENT		-.00339	.00173	.00068	-.00014	-.00015	-.00133	.00492	.00405	.00284	.00244

RUN NO. 1429/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CP03	CPL	CPC10	CPC11	CPC12	CP04
1.518	-7.914	.97797	1.20494	1.12064	1.06073	.70769	.86142	1.10181	1.02138	.95866	.59302
1.518	-6.885	.95673	1.22463	1.13488	1.07257	.71470	.83845	1.12490	1.03823	.97184	.60224
1.518	-5.877	.94722	1.24110	1.14721	1.08241	.72173	.82850	1.14364	1.05120	.98198	.60842
1.518	-4.862	.92206	1.25146	1.15395	1.08826	.72575	.80416	1.15876	1.06296	.98952	.61405
1.518	-3.851	.89754	1.26396	1.16227	1.09287	.73055	.77650	1.17318	1.07152	.99416	.61771
1.519	-2.830	.88215	1.27382	1.16912	1.09847	.73473	.76596	1.18925	1.08070	1.00026	.62263
1.518	-1.803	.87815	1.28216	1.17348	1.10144	.73513	.76867	1.20073	1.08920	1.00647	.62710
1.517	-.783	.87081	1.28478	1.17251	1.09996	.73194	.76979	1.19583	1.09147	1.00850	.62829
1.517	.224	.87343	1.28546	1.17208	1.09901	.72974	.77993	1.19019	1.09057	1.01002	.63095
1.518	1.185	.86959	1.28130	1.16924	1.09634	.72682	.77601	1.20482	1.09618	1.01261	.63237
1.518	2.165	.87113	1.27235	1.16349	1.09130	.72424	.77649	1.20260	1.09460	1.01212	.63347
GRADIENT		-.00629	.00323	.00132	.00048	-.00055	-.00183	.00549	.00447	.00334	.00279

IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE

(SCM038) (03 OCT 91)

PARAMETRIC DATA

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.543	-7.916	.80811	1.19623	1.11093	1.05201	.69885	.69273	1.09328	1.01092	.94973	.59128
1.542	-6.884	.79961	1.21438	1.12321	1.06217	.70500	.68851	1.11572	1.02606	.96124	.59791
1.543	-5.876	.80679	1.23370	1.13195	1.06924	.71182	.69835	1.14410	1.04173	.97015	.60430
1.543	-4.865	.81320	1.25229	1.14108	1.07423	.71719	.71290	1.17250	1.05580	.97931	.61031
1.543	-3.851	.83005	1.27335	1.15096	1.08095	.72097	.73762	1.19343	1.06859	.98696	.61438
1.543	-2.829	.89813	1.32026	1.16309	1.08869	.72372	.81412	1.10583	1.08402	.99681	.61810
1.543	-1.804	.92645	1.34264	1.16853	1.09184	.72427	.84968	1.06326	1.08038	1.00068	.62151
1.543	-.780	.94220	1.34870	1.17143	1.09263	.72504	.86843	1.05335	1.07727	1.00176	.62423
1.543	.223	.94603	1.34373	1.16983	1.09022	.72267	.87498	1.05327	1.08000	1.00467	.62613
1.543	1.187	.93960	1.33776	1.16584	1.08695	.71946	.86895	1.06010	1.08684	1.00806	.62527
1.542	2.165	.91990	1.33004	1.15798	1.08113	.71578	.84919	1.08439	1.09548	1.00841	.62352
	GRADIENT	.01731	.01123	.00259	.00101	-.00022	.02156	-.01730	.00418	.00396	.00207

BETA = 2.000 PHI = 180.000

IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE

(SCM039) (03 OCT 91)

PARAMETRIC DATA

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
.600	-7.870	.77453	.82553	.76097	.70659	.34533	.63447	.67908	.60828	.55030	.16022
.600	-6.847	.80373	.85309	.78272	.72514	.35701	.66455	.70720	.62999	.56694	.17176
.600	-5.836	.82955	.87660	.80139	.74130	.36726	.69116	.73238	.64943	.58263	.18120
.601	-4.820	.85043	.89471	.81602	.75362	.37575	.71345	.75306	.66559	.59515	.19177
.601	-3.798	.86526	.90821	.82636	.76270	.38164	.73069	.76933	.67854	.60554	.19912
.601	-2.772	.87853	.92078	.83696	.77154	.38685	.74526	.78327	.69080	.61496	.20481
.600	-1.746	.88604	.92759	.84230	.77588	.38922	.75622	.79400	.69972	.62170	.21113
.601	-.728	.88963	.93049	.84434	.77708	.38919	.76308	.79987	.70552	.62606	.21468
.601	.283	.88631	.92705	.84062	.77302	.38557	.76376	.79907	.70691	.62736	.21682
.601	1.256	.88332	.92366	.83781	.77033	.38244	.76322	.80078	.70735	.62787	.21804
.601	2.230	.87609	.91707	.83256	.76561	.37842	.75705	.79528	.70347	.62570	.21638
	GRADIENT	.00354	.00305	.00222	.00153	.00024	.00629	.00600	.00549	.00435	.00363

BETA = 3.000 PHI = 180.000

IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE (SCMO39) (03 OCT 91)

PARAMETRIC DATA

BETA = 3.000 PHI = 180.000

RUN NO. 1348/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
.800	-7.894	.85862	.90719	.83927	.78354	.40888	.72594	.76839	.69427	.63341	.22575
.800	-6.871	.88422	.93170	.85889	.80045	.42045	.75384	.79450	.71478	.64954	.23846
.800	-5.863	.90602	.95338	.87615	.81477	.42983	.77680	.81642	.73222	.66313	.24638
.800	-4.855	.92541	.97152	.89059	.82674	.43852	.79715	.83607	.74771	.67474	.25663
.800	-3.840	.93973	.98481	.90084	.83599	.44459	.81311	.85134	.76021	.68538	.26396
.800	-2.821	.95081	.99530	.90983	.84329	.44938	.82573	.86366	.77020	.69338	.26985
.800	-1.811	.95851	1.00265	.91607	.84846	.45251	.83547	.87395	.77874	.69943	.27495
.800	-.799	.96136	1.00537	.91779	.84926	.45187	.84127	.87973	.78390	.70313	.27801
.800	.208	.96126	1.00525	.91718	.84817	.45018	.84340	.87895	.78614	.70541	.27968
.800	1.184	.95772	1.00141	.91406	.84533	.44711	.84137	.88059	.78532	.70443	.27975
.800	2.163	.95154	.99510	.90912	.84117	.44418	.83597	.87510	.78186	.70185	.27854
GRADIENT		.00367	.00335	.00262	.00195	.00065	.00562	.00561	.00497	.00387	.00315

RUN NO. 1338/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
.900	-7.891	.91861	.96559	.89799	.84288	.47331	.79112	.83151	.75756	.69718	.29656
.900	-6.864	.94144	.98789	.91550	.85780	.48305	.81652	.85616	.77713	.71246	.30832
.900	-5.856	.96126	1.00757	.93095	.87103	.49188	.83735	.87622	.79292	.72464	.31587
.900	-4.840	.97885	1.02452	.94461	.88232	.49951	.85604	.89425	.80731	.73586	.32452
.900	-3.827	.99307	1.03783	.95513	.89164	.50595	.87127	.90875	.81903	.74570	.33081
.900	-2.811	1.00330	1.04771	.96365	.89838	.51071	.88342	.92075	.82934	.75329	.33691
.900	-1.792	1.00932	1.05355	.96826	.90199	.51222	.89138	.92980	.83644	.75797	.34042
.900	-.782	1.01270	1.05689	.97076	.90375	.51285	.89778	.93584	.84233	.76270	.34477
.900	.223	1.01134	1.05529	.96891	.90136	.51007	.89841	.93357	.84298	.76349	.34515
.900	1.198	1.00915	1.05305	.96723	.89989	.50834	.89788	.93658	.84349	.76402	.34636
.900	2.177	1.00303	1.04665	.96212	.89556	.50513	.89247	.93152	.84013	.76135	.34497
GRADIENT		.00331	.00307	.00241	.00173	.00060	.00523	.00529	.00475	.00363	.00297

RUN NO. 1327/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.099	-7.937	1.05887	1.10291	1.03881	.98564	.64719	.94978	.98679	.91852	.86130	.49724
1.100	-6.912	1.08114	1.12358	1.05540	.99994	.65670	.97239	1.00894	.93554	.87442	.50680
1.100	-5.909	1.09887	1.14089	1.06927	1.01211	.66445	.99092	1.02720	.94965	.88560	.51460
1.100	-4.904	1.11411	1.15617	1.08151	1.02245	.67132	1.00716	1.04306	.96201	.89506	.52149
1.100	-3.904	1.12603	1.16774	1.09045	1.03018	.67646	1.01992	1.05558	.97231	.90329	.52678
1.100	-2.917	1.13445	1.17624	1.09734	1.03581	.68010	1.03006	1.06545	.98078	.90969	.53133
1.100	-1.896	1.14082	1.18250	1.10275	1.04026	.68265	1.03714	1.07358	.98590	.91380	.53416
1.100	-.924	1.14388	1.18556	1.10535	1.04200	.68330	1.04211	1.07830	.99125	.91686	.53678
1.100	.079	1.14481	1.18643	1.10601	1.04221	.68310	1.04342	1.07621	.99118	.91715	.53708
1.100	1.067	1.14318	1.18463	1.10471	1.04130	.68201	1.04137	1.07764	.99141	.91637	.53594
1.100	2.057	1.13845	1.17976	1.10088	1.03819	.68018	1.03618	1.07321	.98752	.91360	.53397
GRADIENT		.00348	.00340	.00282	.00224	.00119	.00426	.00429	.00371	.00264	.00183

IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE (SCM039) (03 OCT 91)

PARAMETRIC DATA

RUN NO. 1373/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00 BETA = 3.000 PHI = 180.000

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.249	-7.914	1.13383	1.18090	1.11319	1.05790	.71573	1.01851	1.06046	.98853	.92835	.56169
1.250	-6.882	1.15532	1.20217	1.13017	1.07259	.72619	1.03971	1.08092	1.00451	.94057	.57052
1.250	-5.876	1.17238	1.21911	1.14328	1.08338	.73265	1.05780	1.09887	1.01850	.95121	.57814
1.250	-4.869	1.18648	1.23239	1.15412	1.09264	.73849	1.07290	1.11410	1.02974	.96001	.58441
1.250	-3.858	1.19695	1.24292	1.16286	1.09985	.74302	1.08511	1.12633	1.03987	.96831	.59052
1.250	-2.845	1.20575	1.25183	1.16955	1.10566	.74676	1.09467	1.13580	1.04779	.97433	.59499
1.250	-1.834	1.21157	1.25738	1.17414	1.10939	.74864	1.10230	1.14443	1.05431	.97878	.59911
1.250	-.828	1.21437	1.26043	1.17633	1.11060	.74845	1.10748	1.14935	1.05868	.98198	.60199
1.250	.177	1.21441	1.26025	1.17602	1.11001	.74743	1.10922	1.14735	1.05987	.98345	.60321
1.250	1.157	1.21155	1.25734	1.17371	1.10802	.74520	1.10718	1.14940	1.05954	.98259	.60287
1.250	2.146	1.20679	1.25219	1.16978	1.10475	.74290	1.10278	1.14496	1.05654	.98055	.60130
GRADIENT		.00291	.00285	.00221	.00167	.00052	.00439	.00442	.00389	.00293	.00247

RUN NO. 1384/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.400	-7.924	1.16090	1.22289	1.14565	1.08601	.73267	1.03206	1.08964	1.00946	.94486	.57593
1.400	-6.889	1.18089	1.24322	1.16130	1.09916	.74157	1.05273	1.11077	1.02594	.95731	.58450
1.400	-5.884	1.19701	1.25950	1.17469	1.11083	.74879	1.06994	1.12846	1.03958	.96817	.59164
1.400	-4.877	1.20903	1.27316	1.18579	1.11951	.75384	1.08379	1.14268	1.05075	.97666	.59687
1.400	-3.871	1.22059	1.28521	1.19522	1.12694	.75909	1.09609	1.15529	1.06131	.98472	.60204
1.400	-2.858	1.22986	1.29361	1.20115	1.13249	.76318	1.10663	1.16686	1.07025	.99109	.60687
1.400	-1.846	1.23402	1.29721	1.20428	1.13509	.76409	1.11233	1.17504	1.07549	.99420	.60929
1.400	-.842	1.23658	1.30035	1.20715	1.13686	.76451	1.11789	1.18031	1.08097	.99836	.61262
1.400	.162	1.23656	1.30046	1.20689	1.13579	.76340	1.11930	1.17774	1.08235	1.00046	.61394
1.399	1.144	1.23401	1.29710	1.20400	1.13349	.76137	1.11761	1.18160	1.08290	1.00044	.61409
1.400	2.136	1.22903	1.29154	1.19901	1.12911	.75840	1.11288	1.17643	1.08003	.99856	.61259
GRADIENT		.00274	.00253	.00187	.00133	.00053	.00422	.00483	.00422	.00314	.00232

RUN NO. 1397/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.449	-7.881	1.15606	1.23132	1.15162	1.09144	.73986	1.01731	1.08924	1.00773	.94326	.57519
1.452	-6.841	1.17619	1.25343	1.16878	1.10543	.74926	1.03822	1.11253	1.02635	.95805	.58569
1.450	-5.831	1.18968	1.26715	1.17889	1.11442	.75436	1.05235	1.12833	1.03789	.96665	.59047
1.450	-4.816	1.20174	1.28075	1.19091	1.12457	.75990	1.06698	1.14395	1.05033	.97672	.59691
1.450	-3.797	1.21073	1.29256	1.19900	1.13051	.76419	1.07643	1.15561	1.05978	.98287	.60087
1.450	-2.771	1.22137	1.30085	1.20542	1.13631	.76870	1.08757	1.16843	1.06989	.98957	.60607
1.450	-1.750	1.22450	1.30359	1.20812	1.13879	.76921	1.09384	1.17789	1.07593	.99322	.60885
1.450	-.735	1.22493	1.30615	1.21113	1.14023	.76914	1.09759	1.18127	1.08174	.99779	.61224
1.450	.274	1.22334	1.30580	1.21026	1.13846	.76742	1.09912	1.17981	1.08314	1.00007	.61465
1.450	1.248	1.21989	1.30147	1.20649	1.13569	.76400	1.09750	1.18375	1.08328	.99977	.61516
1.449	2.224	1.21602	1.29614	1.20120	1.13067	.76117	1.09388	1.17891	1.08089	.99827	.61454
GRADIENT		.00182	.00203	.00152	.00092	.00006	.00395	.00502	.00447	.00322	.00265

IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE

(SCM039) (03 OCT 91)

PARAMETRIC DATA

BETA = 3.000 PHI = 180.000

RUN NO. 1440/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.471	-7.885	1.13904	1.22943	1.14834	1.08778	.73342	.99644	1.09053	1.00772	.94206	.56983
1.471	-6.853	1.15477	1.24841	1.16142	1.09822	.73976	1.01237	1.11165	1.02399	.95448	.57795
1.471	-5.839	1.16713	1.26275	1.17314	1.10837	.74635	1.02587	1.12957	1.03823	.96550	.58515
1.471	-4.824	1.17484	1.27568	1.18282	1.11596	.75164	1.03490	1.14285	1.04856	.97424	.59030
1.471	-3.813	1.18125	1.28620	1.19001	1.12107	.75598	1.04272	1.15446	1.05814	.98029	.59422
1.471	-2.791	1.18657	1.29324	1.19563	1.12492	.75903	1.04962	1.16518	1.06584	.98551	.59839
1.471	-1.767	1.18872	1.29813	1.19879	1.12721	.76049	1.05393	1.17536	1.07242	.99020	.60262
1.471	-.755	1.18855	1.29933	1.19959	1.12701	.75966	1.05635	1.17585	1.07613	.99342	.60569
1.470	.256	1.18653	1.29796	1.19784	1.12435	.75676	1.05759	1.17405	1.07648	.99462	.60736
1.471	1.229	1.18471	1.29562	1.19646	1.12310	.75419	1.05810	1.18041	1.07796	.99469	.60881
1.471	2.209	1.18077	1.29051	1.19325	1.12161	.75230	1.05601	1.17521	1.07581	.99334	.60900
GRADIENT		.00070	.00198	.00134	.00058	-.00013	.00298	.00455	.00386	.00280	.00277

RUN NO. 1407/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.496	-7.892	1.12439	1.23471	1.15178	1.09090	.73723	.97923	1.09584	1.01255	.94755	.57694
1.496	-6.856	1.13499	1.25368	1.16554	1.10238	.74455	.98872	1.11635	1.02831	.95973	.58522
1.496	-5.845	1.14017	1.26891	1.17807	1.11344	.75135	.99210	1.13347	1.04128	.96946	.59109
1.496	-4.833	1.14163	1.28195	1.18870	1.12196	.75632	.99545	1.14898	1.05343	.97966	.59710
1.496	-3.821	1.14072	1.29258	1.19663	1.12790	.75953	.99594	1.16067	1.06319	.98546	.60079
1.496	-2.798	1.14031	1.30139	1.20215	1.13066	.76259	.99516	1.17299	1.07122	.99094	.60533
1.495	-1.781	1.13599	1.30424	1.20315	1.13099	.76285	.99269	1.18394	1.07687	.99457	.60825
1.496	-.768	1.13280	1.30586	1.20422	1.13129	.76336	.99186	1.18278	1.08183	.99880	.61153
1.496	.241	1.13008	1.30486	1.20299	1.12988	.76223	.99161	1.18154	1.08184	.99983	.61309
1.496	1.216	1.12779	1.30173	1.20063	1.12735	.75943	.99173	1.18859	1.08330	.99905	.61323
1.496	2.194	1.12891	1.29746	1.19765	1.12485	.75710	.99463	1.18383	1.07992	.99660	.61240
GRADIENT		-.00222	.00199	.00103	.00019	.00006	-.00046	.00485	.00384	.00298	.00233

RUN NO. 1430/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.517	-7.894	1.01011	1.22373	1.14233	1.08269	.73201	.84322	1.08213	.99997	.93627	.57035
1.518	-6.856	.99392	1.24476	1.15728	1.09517	.74005	.82308	1.10427	1.01614	.94893	.57912
1.518	-5.846	.97893	1.26078	1.16841	1.10427	.74572	.80823	1.12351	1.02918	.95892	.58539
1.518	-4.834	.96357	1.27213	1.17715	1.11223	.75116	.79327	1.13977	1.04174	.96749	.59117
1.518	-3.816	.94031	1.28350	1.18638	1.11901	.75650	.76778	1.15510	1.05195	.97387	.59664
1.518	-2.798	.91960	1.29260	1.19250	1.12225	.75953	.74887	1.17043	1.05923	.97807	.59980
1.518	-1.780	.90958	1.29852	1.19641	1.12563	.75982	.74706	1.17905	1.06669	.98331	.60381
1.517	-.767	.89989	1.30164	1.19701	1.12521	.75844	.74671	1.17264	1.06909	.98696	.60623
1.518	.238	.90140	1.30252	1.19706	1.12501	.75713	.75106	1.17081	1.06801	.98800	.60872
1.517	1.216	.89537	1.29780	1.19320	1.12129	.75353	.74836	1.18053	1.07366	.98931	.60838
1.517	2.194	.89970	1.29090	1.18905	1.11736	.75085	.75088	1.18121	1.07041	.98664	.60713
GRADIENT		-.00875	.00282	.00158	.00067	-.00029	-.00462	.00489	.00403	.00291	.00237

IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE

(SCM039) (03 OCT 91)

PARAMETRIC DATA

BETA = 3.000 PHI = 180.000

RUN NO. 1420/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.543	-7.891	.84051	1.21509	1.13280	1.07387	.72319	.67443	1.07275	.98811	.92569	.56757
1.543	-6.859	.82873	1.23381	1.14649	1.08539	.73047	.66935	1.09643	1.00427	.93842	.57536
1.543	-5.844	.83280	1.25253	1.15794	1.09522	.73798	.67446	1.12442	1.02004	.94750	.58185
1.543	-4.834	.83792	1.26845	1.16511	1.09972	.74295	.68852	1.15084	1.03364	.95578	.58781
1.543	-3.820	.84367	1.28276	1.17212	1.10416	.74615	.70414	1.16667	1.04681	.96371	.59263
1.543	-2.798	.86853	1.30196	1.18083	1.11045	.74924	.73991	1.12891	1.05914	.97234	.59619
1.543	-1.780	.91954	1.33452	1.18749	1.11537	.74994	.79977	1.04612	1.05277	.97747	.59932
1.543	-.767	.93642	1.35083	1.18887	1.11498	.75053	.82212	1.04193	1.04312	.97476	.60137
1.543	.240	.94067	1.35316	1.18732	1.11269	.74830	.82930	1.04359	1.04555	.97682	.60278
1.543	1.215	.93328	1.34607	1.18395	1.10969	.74543	.82137	1.04278	1.05543	.98281	.60255
1.543	2.193	.91166	1.32451	1.17928	1.10706	.74363	.79667	1.06622	1.07073	.98535	.60098
GRADIENT		.01425	.01047	.00214	.00102	-.00000	.01943	-.01751	.00297	.00371	.00194

IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE

(SCM040) (03 OCT 91)

PARAMETRIC DATA

BETA = 4.000 PHI = 180.000

RUN NO. 1360/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
.599	-7.846	.79461	.84402	.78234	.72928	.37110	.61127	.65605	.58277	.52270	.12779
.600	-6.821	.82333	.87061	.80331	.74756	.38321	.64221	.68428	.60509	.54020	.14282
.600	-5.807	.84816	.89317	.82161	.76290	.39356	.66740	.70797	.62358	.55506	.15297
.600	-4.791	.86897	.91177	.83617	.77533	.40202	.68981	.72890	.63964	.56825	.16295
.600	-3.770	.88461	.92620	.84743	.78482	.40815	.70843	.74631	.65316	.57946	.17117
.601	-2.748	.89710	.93810	.85728	.79351	.41371	.72284	.76088	.66499	.58799	.17718
.601	-1.729	.90281	.94286	.86110	.79619	.41522	.73220	.77118	.67303	.59364	.18237
.600	-.717	.90860	.94846	.86582	.80010	.41721	.73996	.77342	.67917	.59903	.18606
.600	.292	.90870	.94853	.86557	.79939	.41560	.74223	.77516	.68079	.60078	.18786
.600	1.274	.90321	.94305	.86083	.79479	.41117	.73945	.77548	.68019	.59973	.18733
.601	2.252	.89462	.93441	.85369	.78853	.40642	.73311	.77109	.67659	.59695	.18657
GRADIENT		.00373	.00333	.00261	.00196	.00065	.00622	.00577	.00531	.00411	.00334

IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE

(SCMO40) (03 OCT 91)

PARAMETRIC DATA

BETA = 4.000 PHI = 180.000

RUN NO. 1349/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CP03	CPL	CPC10	CPC11	CPC12	CP04
.800	-7.878	.87881	.92593	.86119	.80673	.43760	.70418	.74590	.66929	.60682	.19652
.799	-6.856	.90351	.94997	.87998	.82230	.44687	.73196	.77231	.69024	.62333	.20832
.800	-5.842	.92585	.97166	.89759	.83747	.45746	.75543	.79458	.70799	.63735	.21876
.800	-4.833	.94338	.98846	.91071	.84848	.46517	.77507	.81310	.72287	.64946	.22855
.800	-3.822	.95871	1.00274	.92184	.85822	.47173	.79209	.82963	.73586	.66031	.23583
.800	-2.809	.96939	1.01253	.93053	.86547	.47709	.80427	.84226	.74580	.66644	.24159
.800	-1.795	.97653	1.01914	.93587	.86989	.47928	.81325	.85042	.75346	.67262	.24573
.800	-.792	.98002	1.02267	.93877	.87203	.47986	.81873	.85382	.75801	.67596	.24813
.800	.216	.98046	1.02293	.93886	.87171	.47897	.82096	.85467	.75922	.67747	.24974
.800	1.200	.97654	1.01879	.93542	.86869	.47657	.81874	.85376	.75958	.67700	.24999
.800	2.182	.97028	1.01258	.93042	.86415	.47292	.81339	.85248	.75647	.67457	.24876
GRADIENT		.00375	.00339	.00279	.00218	.00101	.00544	.00520	.00474	.00352	.00284

RUN NO. 1339/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CP03	CPL	CPC10	CPC11	CPC12	CP04
.800	-7.870	.93715	.98298	.91802	.86437	.50004	.77038	.80993	.73413	.67185	.26905
.899	-6.842	.96057	1.00585	.93633	.87970	.50989	.79573	.83472	.75321	.68720	.27984
.900	-5.832	.98046	1.02564	.95216	.89352	.51918	.81677	.85517	.76954	.69999	.28919
.900	-4.818	.99699	1.04159	.96488	.90379	.52620	.83543	.87306	.78387	.71127	.29807
.900	-3.806	1.01054	1.05468	.97489	.91245	.53213	.85096	.88808	.79583	.72143	.30505
.900	-2.795	1.02091	1.06457	.98331	.91950	.53701	.86265	.90061	.80553	.72814	.31032
.900	-1.780	1.02722	1.07040	.98840	.92366	.53931	.87109	.90742	.81273	.73392	.31430
.900	-.774	1.03052	1.07328	.99078	.92540	.53977	.87610	.91085	.81695	.73681	.31633
.900	.234	1.03061	1.07333	.99066	.92495	.53873	.87787	.91128	.81783	.73812	.31736
.900	1.214	1.02738	1.07044	.98820	.92264	.53641	.87647	.91183	.81886	.73823	.31766
.900	2.199	1.02160	1.06467	.98360	.91840	.53337	.87179	.91051	.81585	.73612	.31691
GRADIENT		.00344	.00321	.00265	.00204	.00093	.00515	.00495	.00452	.00346	.00259

RUN NO. 1328/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CP03	CPL	CPC10	CPC11	CPC12	CP04
1.099	-7.928	1.07605	1.11824	1.05729	1.00548	.67132	.93079	.96706	.89718	.83813	.47236
1.100	-6.901	1.09871	1.13993	1.07446	1.02053	.68137	.95417	.98972	.91468	.85214	.48271
1.100	-5.904	1.11617	1.15713	1.08829	1.03250	.68918	.97203	1.00754	.92830	.86252	.49011
1.100	-4.898	1.13133	1.17244	1.10054	1.04288	.69621	.98802	1.02305	.94052	.87209	.49719
1.101	-3.898	1.14226	1.18349	1.10902	1.04997	.70070	1.00136	1.03632	.95092	.88090	.50305
1.100	-2.902	1.15148	1.19250	1.11689	1.05627	.70517	1.01091	1.04595	.95865	.88597	.50641
1.100	-1.906	1.15717	1.19794	1.12127	1.05999	.70707	1.01796	1.05298	.96458	.89061	.50922
1.100	-.926	1.16089	1.20160	1.12448	1.06269	.70861	1.02269	1.05669	.96885	.89333	.51134
1.100	.093	1.16175	1.20235	1.12507	1.06312	.70859	1.02412	1.05620	.96810	.89304	.51192
1.100	1.092	1.15959	1.20001	1.12338	1.06147	.70710	1.02211	1.05623	.96901	.89303	.51107
1.100	2.068	1.15434	1.19456	1.11894	1.05757	.70452	1.01693	1.05345	.96469	.88993	.50925
GRADIENT		.00337	.00324	.00273	.00219	.00122	.00419	.00412	.00349	.00250	.00171

(SCMO40) (03 OCT 91)

IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE

PARAMETRIC DATA

BETA = 4.000 PHI = 180.000

RUN NO. 1374/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.249	-7.898	1.15142	1.19726	1.13216	1.07803	.74021	.99884	1.04061	.96666	.90525	.53790
1.250	-6.866	1.17275	1.21803	1.14853	1.09200	.74954	1.02128	1.06223	.98359	.91828	.54719
1.250	-5.859	1.18994	1.23524	1.16211	1.10372	.75672	1.03868	1.07904	.99688	.92849	.55442
1.250	-4.849	1.20353	1.24809	1.17176	1.11167	.76123	1.05387	1.09385	1.00849	.93755	.56067
1.250	-3.843	1.21489	1.25914	1.18146	1.11964	.76655	1.06726	1.10735	1.01958	.94682	.56720
1.250	-2.837	1.22233	1.26726	1.18800	1.12542	.76997	1.07576	1.11646	1.02721	.95214	.57111
1.250	-1.821	1.22832	1.27330	1.19271	1.12943	.77220	1.08349	1.12508	1.03315	.95651	.57519
1.250	-.820	1.23101	1.27622	1.19518	1.13138	.77259	1.08773	1.12729	1.03685	.95904	.57735
1.250	.186	1.23121	1.27633	1.19514	1.13114	.77183	1.08923	1.12660	1.03691	.95987	.57839
1.250	1.168	1.22867	1.27362	1.19313	1.12919	.77004	1.08758	1.12814	1.03734	.95923	.57787
1.250	2.159	1.22323	1.26777	1.18855	1.12509	.76706	1.08283	1.12402	1.03374	.95685	.57617
GRADIENT		.00282	.00287	.00238	.00192	.00077	.00416	.00414	.00355	.00265	.00221

RUN NO. 1385/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.400	-7.865	1.18449	1.24398	1.16960	1.11100	.76085	1.01213	1.06908	.98680	.92032	.55153
1.400	-6.874	1.20133	1.26150	1.18247	1.12106	.76652	1.03265	1.09045	1.00344	.93350	.56065
1.400	-5.869	1.21796	1.27805	1.19585	1.13265	.77438	1.05010	1.10784	1.01727	.94433	.56785
1.400	-4.857	1.23077	1.29175	1.20701	1.14207	.77981	1.06483	1.12399	1.02934	.95416	.57418
1.400	-3.856	1.24021	1.30253	1.21541	1.14833	.78365	1.07664	1.13512	1.03934	.96205	.57902
1.400	-2.846	1.24927	1.31165	1.22191	1.15419	.78810	1.08621	1.14580	1.04769	.96748	.58310
1.400	-1.837	1.25412	1.31622	1.22529	1.15706	.78971	1.09261	1.15339	1.05303	.97080	.58552
1.400	-.834	1.25695	1.31881	1.22759	1.15902	.79030	1.09742	1.15631	1.05783	.97423	.58810
1.400	.171	1.25623	1.31828	1.22681	1.15795	.78905	1.09809	1.15428	1.05757	.97540	.58892
1.400	1.156	1.25432	1.31607	1.22524	1.15638	.78792	1.09707	1.15850	1.05946	.97574	.58934
1.400	2.145	1.24946	1.31052	1.22090	1.15237	.78491	1.09302	1.15429	1.05665	.97395	.58819
GRADIENT		.00268	.00264	.00195	.00150	.00072	.00405	.00434	.00388	.00279	.00202

RUN NO. 1398/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.450	-7.810	1.18086	1.25276	1.17543	1.11636	.76693	.99757	1.06933	.98576	.91964	.55212
1.450	-6.817	1.19802	1.27197	1.18943	1.12719	.77333	1.01829	1.09082	1.00308	.93361	.56132
1.450	-5.805	1.21253	1.28683	1.20058	1.13675	.77908	1.03319	1.10711	1.01554	.94324	.56688
1.450	-4.787	1.22242	1.29756	1.21037	1.14532	.78365	1.04562	1.12202	1.02655	.95165	.57197
1.450	-3.768	1.23120	1.30896	1.22012	1.15273	.78827	1.05762	1.13510	1.03741	.95984	.57728
1.450	-2.754	1.23956	1.31878	1.22636	1.15771	.79247	1.06599	1.14581	1.04543	.96492	.58112
1.450	-1.733	1.24516	1.32294	1.22883	1.16025	.79386	1.07236	1.15460	1.05166	.96873	.58387
1.450	-.722	1.24801	1.32510	1.23095	1.16237	.79468	1.07751	1.15621	1.05686	.97279	.58689
1.450	.286	1.24712	1.32466	1.23059	1.16175	.79377	1.07859	1.15595	1.05782	.97497	.58927
1.450	1.268	1.24386	1.32129	1.22795	1.15916	.79105	1.07735	1.16049	1.05851	.97437	.58982
1.450	2.247	1.23813	1.31584	1.22394	1.15513	.78791	1.07280	1.15609	1.05622	.97319	.58957
GRADIENT		.00237	.00250	.00178	.00137	.00058	.00394	.00472	.00422	.00306	.00253

IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE

(SCMO40) (03 OCT 91)

PARAMETRIC DATA

BETA = 4.000 PHI = 180.000

RUN NO. 1441/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.471	-7.862	1.16212	1.24755	1.16925	1.10958	.75763	.97695	1.06951	.98506	.91831	.54660
1.471	-6.828	1.17777	1.26729	1.18340	1.12085	.76486	.99288	1.09024	1.00109	.93058	.55464
1.471	-5.815	1.19210	1.28285	1.19529	1.13106	.77228	1.00660	1.10830	1.01488	.94173	.56158
1.471	-4.801	1.19891	1.29364	1.20364	1.13748	.77612	1.01663	1.12217	1.02616	.95053	.56888
1.470	-3.784	1.20427	1.30353	1.21066	1.14259	.77948	1.02394	1.13402	1.03563	.95745	.57124
1.470	-2.768	1.20975	1.31162	1.21666	1.14730	.78322	1.03025	1.14451	1.04383	.96287	.57565
1.471	-1.753	1.21315	1.31628	1.22066	1.15070	.78531	1.03584	1.15364	1.04969	.96671	.57910
1.471	-.743	1.21347	1.31897	1.22277	1.15215	.78543	1.03832	1.15218	1.05371	.96964	.58134
1.471	.266	1.21279	1.31852	1.22221	1.15103	.78334	1.04029	1.15136	1.05322	.97092	.58350
1.471	1.245	1.20965	1.31463	1.21965	1.14923	.78057	1.03903	1.15725	1.05449	.97002	.58399
1.471	2.231	1.20618	1.30882	1.21517	1.14587	.77794	1.03679	1.15328	1.05195	.96820	.58378
	GRADIENT	.00104	.00221	.00172	.00125	.00023	.00296	.00419	.00365	.00254	.00247

RUN NO. 1408/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.496	-7.869	1.14999	1.25269	1.17253	1.11265	.76150	.96007	1.07415	.98906	.92274	.55282
1.496	-6.830	1.16320	1.27377	1.18867	1.12577	.77078	.97167	1.09481	1.00498	.93499	.56102
1.496	-5.823	1.16863	1.28790	1.19921	1.13482	.77593	.97654	1.11181	1.01817	.94569	.56774
1.496	-4.809	1.17112	1.30011	1.20925	1.14385	.78104	.97975	1.12758	1.03013	.95540	.57381
1.496	-3.798	1.17062	1.31070	1.21779	1.15057	.78456	.98124	1.14082	1.04072	.96249	.57823
1.496	-2.781	1.17078	1.31931	1.22380	1.15426	.78699	.98204	1.15154	1.04856	.96700	.58146
1.496	-1.766	1.16914	1.32489	1.22701	1.15647	.78857	.98132	1.16198	1.05485	.97139	.58468
1.496	-.758	1.16852	1.32678	1.22799	1.15677	.78914	.98162	1.15699	1.05860	.97452	.58683
1.496	.250	1.16686	1.32652	1.22750	1.15589	.78882	.98183	1.15692	1.05657	.97464	.58853
1.496	1.232	1.16538	1.32357	1.22555	1.15432	.78678	.98189	1.16443	1.05965	.97438	.58890
1.496	2.219	1.16386	1.31814	1.22187	1.15133	.78352	.98273	1.16097	1.05623	.97188	.58812
	GRADIENT	-.00106	.00255	.00166	.00091	.00041	.00028	.00431	.00362	.00239	.00210

RUN NO. 1431/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.518	-7.867	1.05493	1.24476	1.16587	1.10726	.75915	.83810	1.06226	.97824	.91338	.54696
1.518	-6.837	1.03197	1.26443	1.17927	1.11791	.76506	.81031	1.08306	.99332	.92479	.55521
1.518	-5.826	1.01973	1.28212	1.19221	1.12860	.77201	.79395	1.10229	1.00685	.93565	.56205
1.517	-4.811	1.00547	1.29175	1.19858	1.13451	.77569	.78227	1.11896	1.01903	.94436	.56777
1.518	-3.796	.98749	1.30157	1.20808	1.14223	.78083	.76689	1.13540	1.03022	.95126	.57349
1.518	-2.779	.96782	1.31101	1.21551	1.14692	.78413	.74596	1.15077	1.03849	.95650	.57784
1.518	-1.765	.95214	1.31635	1.21899	1.14988	.78472	.73325	1.15581	1.04502	.96059	.58064
1.518	-.757	.94424	1.31877	1.22048	1.15031	.78461	.73105	1.14862	1.04508	.96359	.58292
1.518	.249	.93967	1.31875	1.22035	1.14957	.78334	.73006	1.14876	1.04401	.96330	.58439
1.517	1.230	.93740	1.31465	1.21707	1.14665	.78016	.72999	1.15317	1.04972	.96480	.58387
1.518	2.215	.94745	1.30976	1.21451	1.14507	.77890	.73855	1.15959	1.04852	.96380	.58451
	GRADIENT	-.00890	.00259	.00206	.00125	.00021	-.00643	.00428	.00381	.00270	.00227

IA310 (AEDC 16TF-783) FAIRING-OFF DATABASE

(SCM040) (03 OCT 91)

PARAMETRIC DATA

BETA = 4.000 PHI = 180.000

RUN NO. 1419/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CPC4
1.543	-7.866	.88189	1.23674	1.15675	1.09855	.75015	.65818	1.05221	.96520	.90201	.54361
1.543	-6.836	.86351	1.25486	1.17023	1.10983	.75726	.65273	1.07628	.98199	.91557	.55238
1.543	-5.825	.85892	1.27218	1.18274	1.12055	.76429	.65216	1.10171	.99688	.92382	.55859
1.543	-4.811	.86384	1.28437	1.18799	1.12485	.76754	.66427	1.12667	1.01038	.93183	.56475
1.543	-3.796	.86624	1.29612	1.19480	1.12839	.77121	.67714	1.14130	1.02396	.93999	.57015
1.543	-2.781	.87015	1.30629	1.19993	1.13258	.77373	.69034	1.12678	1.03408	.94731	.57358
1.543	-1.766	.87847	1.31511	1.20359	1.13508	.77498	.70938	1.08747	1.03107	.95167	.57608
1.554	-758	.89623	1.32471	1.20648	1.13701	.77652	.73454	1.06409	1.01573	.94678	.57812
1.554	.248	.90563	1.32783	1.20526	1.13532	.77453	.74717	1.05499	1.01427	.94644	.57803
1.554	1.230	.88889	1.31853	1.20120	1.13176	.77211	.72925	1.06635	1.03181	.95685	.57846
1.543	2.214	.87212	1.30596	1.19550	1.12734	.76958	.70722	1.11257	1.04494	.95720	.57684
	GRADIENT	.00353	.00403	.00124	.00054	.00028	.00901	-.00849	.00243	.00302	.00168

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(SCM041) (03 OCT 91)

PARAMETRIC DATA

BETA = -4.000 PHI = 180.000

RUN NO. 1670/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CPC4
.600	-8.125	.60882	.64642	.56836	.53049	.14454	.77572	.80670	.75876	.66350	.35034
.600	-7.121	.64225	.67791	.58913	.54641	.15726	.80697	.83736	.78241	.70955	.36407
.600	-6.140	.66898	.70236	.60445	.55483	.16476	.83076	.86129	.80026	.73877	.37270
.601	-5.164	.69330	.72562	.61981	.55848	.17416	.85357	.88458	.81826	.76235	.38391
.600	-4.188	.71518	.74739	.63336	.56945	.18241	.87322	.90492	.83380	.78208	.39301
.600	-3.220	.72929	.76116	.64308	.57625	.18577	.88627	.91807	.84349	.79324	.39799
.601	-2.253	.74010	.77339	.65028	.58049	.18917	.89753	.93001	.85287	.80502	.40388
.601	-1.284	.74720	.78480	.65360	.57932	.19005	.90611	.93967	.86089	.81409	.40838
.600	-.291	.75094	.78529	.65518	.57835	.18934	.91155	.94576	.86604	.81635	.41264
.600	.704	.74935	.78472	.65692	.57709	.18732	.91130	.94712	.86735	.81409	.41444
.600	1.729	.74364	.78374	.65246	.57085	.18410	.90753	.94473	.86572	.80862	.41441
	GRADIENT	.00491	.00606	.00324	.00012	.00029	.00603	.00698	.00566	.00478	.00383

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(SCMO41) (03 OCT 91)

PARAMETRIC DATA

BETA = -4.000 PHI = 180.000

RUN NO. 1746/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CPO4
.800	-8.087	.70075	.73316	.64900	.61062	.20691	.86249	.89193	.84076	.74851	.41961
.799	-7.081	.73095	.76276	.66859	.62421	.21861	.88925	.91906	.86142	.79032	.42991
.800	-6.094	.75505	.78638	.68438	.62857	.22850	.91299	.94330	.88011	.81855	.44165
.799	-5.110	.77678	.80855	.69866	.63600	.23557	.93286	.96393	.89588	.83956	.44965
.800	-4.133	.79511	.82747	.71134	.64435	.24326	.94847	.98053	.90826	.85597	.45695
.800	-3.154	.80884	.84179	.72051	.65263	.24686	.96128	.99463	.91915	.86744	.46326
.800	-2.179	.81985	.85429	.72845	.65614	.25065	.97151	1.00602	.92811	.87929	.46908
.800	-1.201	.82571	.86385	.73127	.65429	.25086	.97818	1.01399	.93436	.88723	.47285
.800	-.204	.82854	.86414	.73247	.65337	.25065	.98161	1.01882	.93808	.88720	.47576
.800	.789	.82734	.86435	.73429	.65072	.24819	.98196	1.02075	.93986	.88595	.47728
.799	1.806	.82218	.86494	.73122	.64611	.24508	.97762	1.01778	.93746	.87970	.47600
GRADIENT		.00456	.00603	.00328	-.00006	.00028	.00500	.00637	.00501	.00417	.00331

RUN NO. 1659/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CPO4
.900	-8.098	.76914	.80030	.71483	.67696	.28067	.92265	.95041	.89887	.81392	.48318
.900	-7.081	.79601	.82618	.73138	.68782	.29008	.94627	.97550	.91787	.85067	.49299
.900	-6.098	.81940	.84947	.74721	.69521	.29865	.97001	.99972	.93695	.87780	.50443
.900	-5.113	.83735	.86858	.76011	.69789	.30494	.98635	1.01716	.94957	.89517	.51062
.900	-4.135	.85544	.88767	.77233	.70661	.31241	1.00223	1.03400	.96283	.91133	.51856
.900	-3.165	.86821	.90115	.78062	.71486	.31594	1.01379	1.04674	.97246	.92163	.52403
.900	-2.186	.87764	.91274	.78788	.71691	.31843	1.02353	1.05777	.98134	.93313	.52963
.900	-1.213	.88342	.92201	.79061	.71585	.31956	1.02947	1.06514	.98689	.94067	.53342
.900	-.216	.88625	.92298	.79239	.71498	.31900	1.03282	1.06988	.99083	.94085	.53632
.900	.777	.88419	.92201	.79380	.71219	.31661	1.03230	1.07073	.99152	.93890	.53746
.900	1.798	.88012	.92405	.79157	.70817	.31407	1.02959	1.06926	.99058	.93413	.53721
GRADIENT		.00412	.00580	.00319	-.00011	.00024	.00462	.00598	.00472	.00398	.00323

RUN NO. 1738/ 0 RN/L = 2.51 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CPO4
1.098	-7.989	.92641	.95495	.87218	.83542	.47528	1.07273	1.09843	1.04948	.97839	.66709
1.100	-7.016	.95226	.98016	.88992	.84861	.48695	1.09244	1.11971	1.06527	1.00491	.67508
1.101	-6.023	.97235	1.00056	.90318	.85382	.49390	1.11214	1.14037	1.08136	1.02683	.68414
1.101	-5.030	.98985	1.01874	.91563	.85717	.50034	1.12801	1.15716	1.09400	1.04381	.69051
1.101	-4.040	1.00351	1.03374	.92563	.86251	.50493	1.14002	1.17023	1.10369	1.05523	.69514
1.100	-3.049	1.01552	1.04694	.93396	.87132	.50870	1.15020	1.18151	1.11234	1.06465	.69984
1.100	-2.064	1.02379	1.05735	.93995	.87200	.51097	1.15766	1.19041	1.11913	1.07446	.70367
1.100	-1.072	1.02902	1.06504	.94267	.87158	.51220	1.16208	1.19613	1.12347	1.07972	.70596
1.100	-.052	1.03091	1.06541	.94597	.87097	.51196	1.16384	1.19918	1.12575	1.07845	.70720
1.100	.922	1.03047	1.06692	.94597	.86878	.51127	1.16336	1.19975	1.12623	1.07650	.70776
1.100	1.931	1.02626	1.06854	.94604	.86628	.50891	1.15901	1.19672	1.12364	1.07034	.70601
GRADIENT		.00377	.00546	.00325	.00018	.00065	.00321	.00447	.00338	.00261	.00186

IA310 (AEDC 16TF-783) PROBE CALIBRATION (SCM041) (03 OCT 91)

PARAMETRIC DATA

BETA = -4.000 PHI = 180.000

RUN NO. 1722/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.249	-8.032	.99759	1.02887	.94169	.90438	.54376	1.14506	1.17332	1.12048	1.05035	.72847
1.250	-7.062	1.02134	1.05314	.95838	.91597	.55380	1.16284	1.19287	1.13473	1.07280	.73512
1.250	-6.074	1.04029	1.07366	.97044	.92383	.56027	1.18160	1.21325	1.15018	1.09312	.74338
1.250	-5.084	1.05763	1.09221	.98311	.92388	.56670	1.19706	1.22961	1.16181	1.10910	.74963
1.249	-4.101	1.07034	1.10579	.99199	.92756	.56988	1.20816	1.24136	1.17064	1.12046	.75413
1.250	-3.120	1.08208	1.11902	1.00060	.93661	.57491	1.21787	1.25313	1.17994	1.13094	.75973
1.250	-2.142	1.08988	1.12839	1.00584	.93595	.57684	1.22494	1.26225	1.18712	1.14101	.76348
1.250	-1.167	1.09529	1.13629	1.00905	.93661	.57790	1.23026	1.26895	1.19225	1.14745	.76645
1.250	-.160	1.09718	1.13758	1.01155	.93558	.57729	1.23262	1.27241	1.19497	1.14698	.76808
1.250	.832	1.09655	1.13823	1.01439	.93483	.57645	1.23310	1.27410	1.19654	1.14578	.76988
1.250	1.844	1.09235	1.14005	1.01271	.93063	.57373	1.22968	1.27170	1.19461	1.14046	.76909
GRADIENT		.00367	.00541	.00344	.00018	.00054	.00369	.00515	.00406	.00343	.00251

RUN NO. 1711/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.400	-8.024	1.01448	1.06020	.96039	.92340	.56178	1.17523	1.21310	1.15303	1.08131	.75079
1.400	-7.050	1.03706	1.08490	.97683	.92675	.57009	1.19279	1.23344	1.16793	1.10440	.75736
1.400	-6.066	1.05537	1.10556	.98882	.93297	.57680	1.20939	1.25289	1.18232	1.12348	.76502
1.400	-5.073	1.07127	1.12314	.99882	.93862	.58177	1.22394	1.26929	1.19446	1.14042	.77071
1.400	-4.090	1.08466	1.13868	1.01022	.94385	.58684	1.23567	1.28337	1.20477	1.15291	.77577
1.400	-3.110	1.09480	1.15096	1.01504	.94776	.58956	1.24542	1.29579	1.21385	1.16319	.78043
1.400	-2.131	1.10343	1.16198	1.02268	.94984	.59216	1.25321	1.30511	1.22088	1.17312	.78418
1.400	-1.150	1.10853	1.16992	1.02652	.95019	.59270	1.25814	1.31147	1.22566	1.17928	.78682
1.400	-.151	1.11069	1.17196	1.02968	.94838	.59224	1.26049	1.31512	1.22855	1.17905	.78871
1.399	.842	1.10975	1.17143	1.03281	.94850	.59082	1.26037	1.31645	1.22959	1.17695	.78973
1.400	1.857	1.10598	1.17447	1.03106	.94288	.58816	1.25803	1.31521	1.22852	1.17203	.78934
GRADIENT		.00363	.00570	.00378	-.00009	.00023	.00375	.00528	.00397	.00326	.00230

RUN NO. 1704/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.450	-8.114	.99763	1.05942	.95466	.92107	.56177	1.16131	1.21051	1.14829	1.07960	.74327
1.450	-7.110	1.01966	1.08403	.97119	.92274	.56843	1.18007	1.23176	1.16364	1.10163	.75078
1.450	-6.125	1.03706	1.10585	.98375	.92950	.57453	1.19669	1.25275	1.17931	1.12223	.75998
1.450	-5.141	1.05199	1.12210	.99213	.93446	.57888	1.21066	1.26872	1.19060	1.13822	.76642
1.449	-4.168	1.06372	1.13569	.99981	.93772	.58204	1.22020	1.28186	1.20112	1.15089	.77053
1.450	-3.200	1.07479	1.14989	1.00841	.94290	.58606	1.23152	1.29706	1.21295	1.16383	.77722
1.450	-2.227	1.08241	1.16028	1.01525	.94300	.58703	1.23959	1.30640	1.21992	1.17359	.78087
1.450	-1.261	1.08801	1.16991	1.01973	.94344	.58739	1.24581	1.31432	1.22587	1.18003	.78512
1.450	-.261	1.08949	1.17224	1.02283	.94162	.58553	1.24828	1.31784	1.22846	1.17952	.78723
1.450	.731	1.08839	1.17026	1.02456	.93981	.58254	1.24972	1.32048	1.23038	1.17789	.78815
1.450	1.752	1.08565	1.17373	1.02470	.93524	.58079	1.24795	1.31974	1.23006	1.17450	.78895
GRADIENT		.00360	.00602	.00414	-.00056	-.00045	.00463	.00621	.00470	.00377	.00302

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(SCMO41) (03 OCT 91)

PARAMETRIC DATA

BETA = -4.000 PHI = 180.000

RUN NO. 1697/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CPO4
1.470	-8.064	.98333	1.05829	.94905	.91253	.55851	1.15494	1.21695	1.15329	1.08477	.74324
1.470	-7.098	1.00283	1.08256	.96729	.91766	.56731	1.16804	1.23564	1.16580	1.10426	.74785
1.470	-6.113	1.01942	1.10410	.97719	.92335	.57297	1.18456	1.25551	1.18016	1.12414	.75601
1.470	-5.125	1.03334	1.12180	.98637	.92929	.57793	1.19598	1.27032	1.19003	1.13893	.76220
1.470	-4.151	1.04386	1.13627	.99627	.93358	.58153	1.20390	1.28201	1.19850	1.14945	.76628
1.470	3.181	1.05252	1.14872	1.00411	.93719	.58396	1.21122	1.29300	1.20685	1.15904	.77085
1.470	-2.211	1.05878	1.15915	1.01063	.93819	.58489	1.21733	1.30178	1.21297	1.16764	.77480
1.470	-1.236	1.06271	1.16789	1.01521	.93839	.58417	1.22143	1.30740	1.21752	1.17239	.77697
1.470	-.243	1.06517	1.16972	1.01984	.93811	.58337	1.22487	1.31209	1.22123	1.17224	.77981
1.484	.752	1.06426	1.16873	1.02236	.93725	.58151	1.22635	1.31437	1.22302	1.17052	.78205
1.485	1.772	1.06275	1.17353	1.02302	.93303	.57996	1.22578	1.31442	1.22317	1.16724	.78297
GRADIENT		.00312	.00586	.00455	-.00007	-.00041	.00373	.00543	.00414	.00291	.00280

RUN NO. 1667/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CPO4
1.497	-8.059	.95084	1.04331	.93291	.89957	.55062	1.12435	1.19914	1.13583	1.06949	.73380
1.496	-7.089	.96564	1.06756	.95113	.90426	.55847	1.13328	1.21898	1.15004	1.08981	.73942
1.497	-6.107	.97523	1.08713	.96131	.90916	.56371	1.14227	1.23729	1.16306	1.10868	.74520
1.497	-5.117	.98506	1.10603	.97008	.91533	.56908	1.15182	1.25433	1.17532	1.12548	.75178
1.497	-4.146	.98836	1.12067	.98052	.91976	.57236	1.15450	1.26679	1.18396	1.13539	.75518
1.497	-3.169	.98939	1.13283	.98696	.92210	.57405	1.15566	1.27808	1.19161	1.14455	.75898
1.497	-2.198	.99250	1.14513	.99381	.92346	.57521	1.15940	1.28735	1.19771	1.15317	.76259
1.497	-1.226	.99297	1.15598	.99879	.92412	.57542	1.16116	1.29413	1.20274	1.15827	.76633
1.497	-.228	.99432	1.15484	1.00385	.92324	.57496	1.16386	1.29890	1.20653	1.15851	.76931
1.497	.765	.99488	1.15401	1.00528	.92192	.57310	1.16634	1.30125	1.20859	1.15721	.77073
1.496	1.790	.99551	1.15747	1.00600	.91735	.57075	1.16773	1.30061	1.20864	1.15421	.77085
GRADIENT		.00124	.00585	.00444	-.00029	-.00026	.00237	.00575	.00421	.00313	.00279

RUN NO. 1685/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CPO4
1.519	-8.051	.89104	1.04480	.93324	.89710	.54927	1.07563	1.19944	1.13557	1.07134	.73494
1.520	-7.087	.88660	1.06953	.95079	.90611	.55840	1.06555	1.21814	1.14902	1.09103	.74058
1.520	-6.104	.87525	1.08809	.95788	.90865	.56320	1.05766	1.23672	1.16241	1.11005	.74670
1.520	-5.121	.86333	1.10672	.96764	.91386	.56825	1.04841	1.25423	1.17484	1.12720	.75288
1.520	-4.141	.85040	1.12280	.97631	.91891	.57235	1.03604	1.26650	1.18304	1.13618	.75656
1.520	-3.173	.83511	1.13790	.98492	.92136	.57534	1.02369	1.27816	1.19160	1.14616	.76096
1.520	-2.196	.82057	1.15145	.99067	.92233	.57656	1.01456	1.28707	1.19825	1.15471	.76473
1.520	-.222	.80834	1.16150	.99678	.92271	.57767	1.00613	1.29415	1.20347	1.15936	.76783
1.520	-.228	.79998	1.15697	1.00142	.92169	.57763	1.00218	1.29865	1.20700	1.15941	.77013
1.520	.766	.80913	1.15604	1.00339	.91995	.57625	1.00878	1.30108	1.20905	1.15803	.77215
1.520	1.787	.82478	1.16036	1.00354	.91511	.57433	1.02223	1.30038	1.20862	1.15463	.77225
GRADIENT		-.00536	.00557	.00467	-.00055	.00031	-.00299	.00574	.00435	.00301	.00270

DATE 03 OCT 91

IA310 (AEDC 16TF-783) TABULATED DATA

PAGE 307

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(SCMO41) (03 OCT 91)

PARAMETRIC DATA

BETA = -4.000 PHI = 180.000

RUN NO. 1678/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CPO4
1.541	-8.058	.71069	1.03408	.91980	.88665	.54630	.91781	1.18972	1.12645	1.06369	.73106
1.541	-7.089	.68721	1.06017	.93593	.89477	.55500	.88985	1.20864	1.14000	1.08365	.73660
1.545	-6.103	.66062	1.08422	.94007	.89918	.55980	.85885	1.22742	1.15438	1.10488	.74436
1.543	-5.123	.66020	1.11060	.95050	.90276	.56404	.85290	1.24388	1.16569	1.12029	.74916
1.544	-4.146	.66306	1.13773	.96298	.90685	.56929	.85328	1.26034	1.17748	1.13229	.75445
1.544	-3.166	.67263	1.15633	.97386	.90909	.57245	.85861	1.27375	1.18530	1.14030	.75707
1.543	-2.198	.68708	1.15760	.98555	.91139	.57506	.86876	1.28869	1.19331	1.14920	.76069
1.542	-1.222	.71223	1.12086	.99358	.91415	.57697	.88572	1.30211	1.19934	1.15515	.76339
1.543	-.229	.75021	1.07877	.98594	.91135	.57773	.91491	1.31698	1.20516	1.15815	.76647
1.543	.766	.74591	1.09264	.98220	.90283	.57488	.91007	1.31726	1.20804	1.15724	.76763
1.543	1.788	.70185	1.11871	.98437	.89834	.57432	.87939	1.30801	1.20831	1.15407	.76780
	GRADIENT	.01172	-.00949	.00292	-.00140	.00081	.00818	.00931	.00541	.00389	.00242

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(SCMO42) (03 OCT 91)

PARAMETRIC DATA

BETA = -4.000 PHI = 180.000

RUN NO. 1568/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CPO4
.599	-7.140	.64044	.67613	.58789	.54509	.15672	.80500	.83513	.78067	.70760	.36359
.599	-6.144	.66870	.70222	.60459	.55495	.16500	.83111	.86131	.80057	.73895	.37371
.600	-5.169	.69545	.72797	.62239	.56043	.17695	.85592	.88642	.82045	.76443	.38662
.600	-4.196	.71178	.74396	.63058	.56595	.18039	.86961	.90094	.83026	.77886	.39105
.600	-3.224	.72765	.75985	.64191	.57481	.18518	.88470	.91642	.84210	.79203	.39765
.601	-2.256	.73916	.77288	.64976	.57963	.18883	.89653	.92921	.85228	.80449	.40387
.600	-1.286	.74564	.78346	.65247	.57793	.18970	.90433	.93798	.85939	.81302	.40818
.600	-.291	.74926	.78394	.65394	.57684	.18863	.90946	.94386	.86422	.81494	.41183
.600	.705	.74876	.78406	.65626	.57658	.18723	.91105	.94663	.86716	.81404	.41506
	GRADIENT	.00746	.00825	.00487	.00167	.00132	.00843	.00931	.00752	.00737	.00486

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(SCM042) (03 OCT 91)

PARAMETRIC DATA

BETA = -4.000 PHI = 180.000

RUN NO. 1458/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
.800	-7.105	.73066	.76265	.66838	.62413	.21939	.88902	.91824	.86113	.79019	.43093
.800	-6.098	.75549	.78711	.68424	.62948	.22849	.91350	.93411	.88047	.81914	.44227
.800	-5.112	.77723	.80918	.69894	.63573	.23691	.93248	.96321	.89549	.83966	.45056
.800	-4.133	.79465	.82744	.70987	.64310	.24284	.94815	.97995	.90813	.85578	.45729
.800	-3.157	.80907	.84241	.72072	.65236	.24803	.96092	.99395	.91889	.86719	.46407
.800	-2.183	.81902	.85449	.72788	.65479	.25040	.97125	1.00550	.92780	.87858	.46942
.800	-1.206	.82552	.86478	.73127	.65372	.25182	.97789	1.01348	.93423	.88681	.47392
.800	-.203	.82869	.86496	.73260	.65297	.25132	.98164	1.01845	.93815	.88694	.47690
.800	.788	.82674	.86448	.73390	.65003	.24949	.98111	1.01949	.93909	.88515	.47864
	GRADIENT	.00654	.00762	.00461	.00102	.00129	.00677	.00809	.00635	.00621	.00434

RUN NO. 1491/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
.900	-7.109	.79495	.82549	.73071	.68701	.28988	.94638	.97544	.91819	.85060	.49438
.899	-6.098	.81756	.84836	.74593	.69335	.29790	.96809	.99788	.93512	.87615	.50352
.900	-5.117	.83838	.86995	.76133	.69898	.30720	.98720	1.01771	.95061	.89626	.51283
.900	-4.137	.85441	.88698	.77158	.70532	.31236	1.00118	1.03287	.96190	.91059	.51873
.900	-3.162	.86751	.90104	.78024	.71435	.31643	1.01326	1.04628	.97217	.92128	.52475
.901	-2.191	.87734	.91287	.78802	.71649	.31945	1.02271	1.05715	.98083	.93279	.53036
.900	-1.210	.88264	.92178	.79040	.71489	.31983	1.02849	1.06441	.98634	.94018	.53379
.900	-.216	.88568	.92273	.79219	.71423	.31976	1.03199	1.06904	.99010	.94043	.53701
.900	.781	.88388	.92192	.79366	.71147	.31714	1.03196	1.07030	.99120	.93869	.53814
	GRADIENT	.00600	.00721	.00431	.00083	.00099	.00626	.00762	.00597	.00595	.00399

RUN NO. 1475/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.100	-7.044	.95010	.97750	.88806	.84695	.48579	1.09044	1.11698	1.06286	1.00245	.67405
1.100	-6.022	.97135	.99914	.90254	.85377	.49352	1.11010	1.13797	1.07929	1.02488	.68308
1.100	-5.034	.98874	1.01734	.91513	.85619	.50008	1.12605	1.15480	1.09183	1.04178	.68946
1.100	-4.040	1.00232	1.03242	.92479	.86154	.50474	1.13823	1.16812	1.10183	1.05357	.69437
1.100	-3.053	1.01382	1.04507	.93254	.86953	.50815	1.14837	1.17940	1.11035	1.06277	.69918
1.100	-2.063	1.02228	1.05603	.93905	.87093	.51025	1.15606	1.18866	1.11745	1.07259	.70309
1.100	-1.075	1.02792	1.06415	.94249	.87070	.51176	1.16096	1.19467	1.12212	1.07817	.70558
1.100	-.072	1.02983	1.06443	.94451	.86994	.51139	1.16249	1.19738	1.12412	1.07687	.70664
1.100	.919	1.02916	1.06537	.94507	.86756	.51057	1.16211	1.19823	1.12478	1.07508	.70739
	GRADIENT	.00540	.00664	.00405	.00089	.00116	.00480	.00606	.00463	.00447	.00259

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(SCMO42) (03 OCT 91)

PARAMETRIC DATA

BETA = -4.000 PHI = 180.000

RUN NO. 1515/ O		RN/L = 2.49		GRADIENT INTERVAL = -5.00/ 5.00		CPL		CPC10		CPC11		CPC12		CPO4	
MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CPO4				
1.250	-7.088	1.02061	1.05223	.95779	.91526	.55371	1.16253	1.19236	1.13452	1.07244	.73589				
1.250	-6.074	1.04033	1.07301	.97053	.91813	.56088	1.18057	1.21207	1.14943	1.09266	.74364				
1.250	-5.081	1.05733	1.09168	.98324	.92319	.56726	1.19658	1.22899	1.16169	1.10903	.74999				
1.250	-4.102	1.07090	1.10646	.99315	.92792	.57183	1.20834	1.24104	1.17079	1.12070	.75506				
1.250	-3.123	1.08185	1.11866	1.00049	.93590	.57544	1.21737	1.25215	1.17955	1.13052	.75978				
1.250	-2.146	1.08918	1.12781	1.00511	.93486	.57718	1.22436	1.26116	1.18636	1.14004	.76333				
1.250	-1.160	1.09452	1.13624	1.00893	.93606	.57873	1.22970	1.26808	1.19168	1.14654	.76675				
1.251	-.168	1.09733	1.13831	1.01203	.93572	.57866	1.23293	1.27269	1.19539	1.14713	.76883				
1.252	.828	1.09684	1.13829	1.01434	.93427	.57750	1.23375	1.27438	1.19719	1.14615	.77024				
GRADIENT		.00525	.00656	.00418	.00093	.00114	.00518	.00681	.00535	.00531	.00308				

RUN NO. 1531/ O		RN/L =		2.50		GRADIENT INTERVAL =		-5.00/		5.00			
MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4		
1.400	-7.077	1.03478	1.08260	.97537	.92574	.56770	1.18933	1.23076	1.16466	1.10041	.75364		
1.400	-6.066	1.05379	1.10349	.98747	.93137	.57393	1.20665	1.24962	1.17865	1.11938	.76075		
1.400	-5.077	1.06945	1.12110	.99735	.93677	.57899	1.22153	1.26711	1.19188	1.13771	.76810		
1.400	-4.093	1.08322	1.13694	1.00867	.94193	.58405	1.23336	1.28110	1.20245	1.15018	.77306		
1.400	-3.113	1.09303	1.14923	1.01365	.94553	.58670	1.24321	1.29295	1.21088	1.16018	.77744		
1.400	-2.131	1.10047	1.15914	1.01977	.94691	.58846	1.25010	1.30201	1.21748	1.16969	.78057		
1.400	-1.150	1.10613	1.16786	1.02423	.94774	.58965	1.25569	1.30957	1.22346	1.17666	.78419		
1.400	-.152	1.10783	1.16983	1.02702	.94626	.58889	1.25793	1.31285	1.22594	1.17617	.78579		
1.400	.841	1.10713	1.16901	1.02998	.94596	.58739	1.25862	1.31491	1.22773	1.17505	.78750		
GRADIENT		.00491	.00668	.00437	.00067	.00070	.00509	.00684	.00514	.00518	.00292		

RUN NO. 1549/ 0		RN/L = 2.49		GRADIENT INTERVAL = -5.00/ 5.00		CPL		CPC10		CPC11		CPC12		CPO4	
MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CPO4				
1.450	-7.130	1.02420	1.08571	.97359	.92500	.57261	1.18409	1.23175	1.16420	1.10215	.75577				
1.450	-6.125	1.04223	1.10783	.98687	.93243	.57951	1.19882	1.25192	1.17918	1.12215	.76296				
1.451	-5.143	1.05677	1.12624	.99599	.93885	.58509	1.21280	1.26923	1.19168	1.13946	.77043				
1.450	-4.169	1.06844	1.13918	1.00437	.94219	.58844	1.22314	1.28302	1.20281	1.15321	.77529				
1.449	-3.200	1.07876	1.15210	1.01171	.94633	.59113	1.23334	1.29713	1.21377	1.16487	.78045				
1.450	-2.233	1.08541	1.16201	1.01823	.94626	.59163	1.24113	1.30660	1.22083	1.17453	.78450				
1.450	-1.257	1.09182	1.17134	1.02306	.94730	.59245	1.24780	1.31424	1.22675	1.18153	.78876				
1.451	-.263	1.09448	1.17489	1.02719	.94656	.59204	1.25180	1.31938	1.23096	1.18264	.79262				
1.450	.730	1.09219	1.17193	1.02765	.94355	.58811	1.25243	1.32125	1.23202	1.18048	.79329				
GRADIENT		.00501	.00703	.00488	.00024	.00005	.00607	.00773	.00593	.00572	.00381				

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(SCM042) (03 OCT 91)

PARAMETRIC DATA

BETA = -4.000 PHI = 180.000

RUN NO. 1633/ 0		RN/L = 2.49		GRADIENT INTERVAL = -5.00/ 5.00		CPL		CPC10		CPC11		CPC12		CPO4	
MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4				
1.469	-7.127	.98981	1.06462	.95126	.90370	.55773	1.15322	1.21407	1.14581	1.08410	.73572				
1.470	-6.117	1.00698	1.08647	.96342	.90995	.56485	1.16760	1.23532	1.16313	1.10680	.74432				
1.470	-5.134	1.01991	1.10446	.97216	.91540	.56977	1.17979	1.25395	1.17604	1.12498	.74975				
1.470	-4.160	1.03372	1.12178	.98380	.92144	.57477	1.19184	1.26833	1.18588	1.13584	.75586				
1.469	-3.186	1.04093	1.13263	.98953	.92391	.57549	1.19733	1.27669	1.19222	1.14417	.75908				
1.470	-2.213	1.04792	1.14246	.99651	.92503	.57655	1.20430	1.28586	1.19906	1.15378	.76388				
1.469	-1.239	1.05253	1.15121	1.00090	.92510	.57583	1.20848	1.29299	1.20403	1.15898	.76795				
1.470	-.244	1.05525	1.15437	1.00534	.92475	.57519	1.21266	1.29809	1.20798	1.15983	.77162				
1.469	.755	1.05356	1.15134	1.00596	.92171	.57104	1.21333	1.29823	1.20809	1.15687	.77170				
GRADIENT		.00426	.00644	.00473	.00011	-.00059	.00458	.00641	.00474	.00456	.00351				

RUN NO. 1584/ 0		RN/L =		2.50		GRADIENT INTERVAL = -5.00/ 5.00		CPL		CPC10		CPC11		CPC12		CPO4	
MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4						
1.491	-7.114	.95069	1.05995	.94389	.89804	.55383	1.11925	1.20993	1.14062	1.08137	.73564						
1.492	-6.115	.95835	1.07916	.95327	.90114	.55856	1.12497	1.22632	1.15270	1.09910	.74071						
1.492	-5.125	.96683	1.09788	.96255	.90746	.56389	1.13294	1.24540	1.16808	1.11935	.74857						
1.491	-4.150	.97070	1.11395	.97377	.91268	.56764	1.13734	1.25871	1.17728	1.12922	.75197						
1.491	-3.172	.97029	1.12665	.98100	.91566	.56990	1.13700	1.26979	1.18509	1.13826	.75554						
1.492	-2.203	.97067	1.13908	.98824	.91731	.57123	1.13889	1.28060	1.19263	1.14807	.76040						
1.491	-1.228	.97103	1.14928	.99271	.91759	.57099	1.14076	1.28779	1.19737	1.15302	.76351						
1.491	-.228	.97126	1.14692	.99714	.91580	.57034	1.14336	1.29298	1.20078	1.15332	.76625						
1.491	.768	.97267	1.14557	.99760	.91374	.56858	1.14669	1.29652	1.20394	1.15295	.76835						
GRADIENT		.00038	.00664	.00499	.00017	.00016	.00197	.00772	.00537	.00489	.00340						

RUN NO. 1600/ 0		RN/L = 2.49		GRADIENT INTERVAL = -5.00/ 5.00		CPL		CPC10		CPC11		CPC12		CPO4	
MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4				
1.517	-7.115	.86087	1.06289	.94730	.90375	.55805	1.04674	1.21255	1.14420	1.08610	.73690				
1.517	-6.108	.84055	1.08101	.95274	.90446	.56161	1.03057	1.22869	1.15512	1.10300	.74242				
1.517	-5.125	.83113	1.10148	.96274	.91124	.56758	1.02175	1.24770	1.16948	1.12267	.74988				
1.517	-4.151	.82458	1.11794	.97205	.91552	.57159	1.01297	1.26035	1.17925	1.13324	.75443				
1.517	-3.176	.81638	1.13342	.98072	.91827	.57499	1.00568	1.27297	1.18984	1.14460	.76002				
1.517	-2.202	.79667	1.14610	.98561	.91813	.57546	.99303	1.28472	1.19880	1.15496	.76362				
1.516	-1.223	.79236	1.15624	.99144	.91830	.57646	.99183	1.29512	1.20653	1.16260	.76744				
1.517	-.228	.78900	1.15246	.99563	.91663	.57696	.99220	1.30166	1.21193	1.16423	.77053				
1.516	.769	.79322	1.14978	.99616	.91360	.57431	.99595	1.30346	1.21372	1.16254	.77252				
GRADIENT		-.00705	.00656	.00497	-.00042	.00059	-.00367	.00905	.00715	.00617	.00365				

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(SCM042) (03 OCT 91)

PARAMETRIC DATA

RUN NO. 1615/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00 BETA = -4.000 PHI = 180.000

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CP04
1.541	-7.114	.67678	1.06267	.93600	.89595	.55424	.87723	1.21404	1.14386	1.08610	.73837
1.541	-6.114	.66355	1.08686	.94260	.90114	.56058	.85843	1.23033	1.15709	1.10606	.74475
1.540	-5.124	.66775	1.11301	.95121	.90330	.56389	.85656	1.24963	1.16831	1.12161	.75026
1.541	-4.146	.67612	1.13959	.96360	.90726	.56896	.85922	1.26437	1.17855	1.13270	.75504
1.541	-3.176	.68427	1.15929	.97539	.90960	.57214	.86580	1.27873	1.18765	1.14188	.75861
1.541	-2.201	.69901	1.15771	.98822	.91289	.57539	.87703	1.29425	1.19677	1.15192	.76273
1.541	-1.228	.72752	1.11725	.99672	.91659	.57797	.89818	1.31014	1.20455	1.15971	.76698
1.541	-.228	.76518	1.07472	.98722	.91313	.57830	.92693	1.32513	1.20956	1.16186	.76947
1.541	.767	.76149	1.08530	.98339	.90442	.57556	.92393	1.32573	1.21173	1.16009	.77023
1.541	GRADIENT	.02031	-.01648	.00413	-.00001	.00157	.01536	.01342	.00695	.00594	.00328

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(SCM043) (03 OCT 91)

PARAMETRIC DATA

RUN NO. 1569/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00 BETA = -3.000 PHI = 180.000

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CP04
.600	-7.115	.66617	.70314	.61650	.57248	.18537	.78568	.81777	.76050	.68798	.33512
.600	-6.613	.67902	.71514	.62336	.57724	.18968	.79755	.82961	.76884	.70353	.33994
.600	-6.121	.69558	.73113	.63561	.58621	.19724	.81310	.84524	.78139	.72057	.34798
.600	-5.631	.70690	.74223	.64187	.58700	.20096	.82217	.85513	.78838	.73041	.35110
.599	-5.136	.71731	.75151	.64731	.58608	.20264	.83237	.86467	.79562	.74036	.35441
.600	-4.649	.72835	.76207	.65542	.59138	.20771	.84263	.87479	.80349	.75074	.35951
.600	-4.162	.73691	.77078	.66057	.59528	.21086	.85084	.88315	.80970	.75903	.36353
.599	-3.679	.74458	.77867	.66598	.59739	.21202	.85922	.89183	.81631	.76619	.36673
.600	-3.193	.75260	.78703	.67138	.60545	.21574	.86748	.90033	.82311	.77335	.37122
.600	-2.714	.75757	.79236	.67406	.60683	.21541	.87205	.90522	.82622	.77746	.37163
.600	-2.236	.76261	.79800	.67771	.60705	.21806	.87687	.91020	.83006	.78304	.37493
.600	-1.754	.76693	.80372	.68000	.60696	.21917	.88153	.91543	.83424	.78852	.37734
.600	-1.276	.77081	.80849	.68310	.60805	.22001	.88597	.92045	.83838	.79305	.38015
.599	-.790	.77024	.80945	.68088	.60486	.21631	.88672	.92147	.83872	.79217	.37954
.601	-.308	.77397	.81278	.68452	.60719	.21993	.89089	.92577	.84298	.79433	.38529
.600	.204	.77227	.80970	.68359	.60509	.21720	.89107	.92724	.84422	.79319	.38580
.600	.715	.77031	.80881	.68250	.60176	.21516	.89066	.92741	.84464	.79217	.38726
.600	GRADIENT	.00804	.00913	.00512	.00195	.00152	.00903	.00986	.00769	.00796	.00508

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(SCM043) (03 OCT 91)

PARAMETRIC DATA

BETA = -3.000 PHI = 180.000

RUN NO. 1459/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
.800	-7.080	.75356	.78796	.69495	.64958	.24844	.87018	.90173	.84153	.77327	.40322
.800	-6.581	.76629	.80090	.70380	.65576	.25332	.88233	.91405	.85082	.78731	.40832
.800	-6.086	.77815	.81284	.71224	.66177	.25875	.89367	.92525	.85930	.79900	.41397
.800	-5.589	.79004	.82481	.71988	.65966	.26318	.90462	.93641	.86792	.81068	.41842
.800	-5.093	.80026	.83487	.72677	.66334	.26674	.91344	.94567	.87495	.81988	.42232
.800	-4.602	.81025	.84480	.73270	.66791	.27045	.92217	.95499	.88211	.82928	.42678
.800	-4.115	.81801	.85276	.73877	.67066	.27283	.92978	.96314	.88846	.83631	.43045
.800	-3.628	.82556	.86054	.74444	.67459	.27582	.93707	.97064	.89426	.84211	.43403
.800	-3.141	.83154	.86701	.74739	.68026	.27720	.94301	.97697	.89896	.84736	.43647
.800	-2.652	.83704	.87290	.75193	.68140	.27884	.94830	.98272	.90335	.85290	.43896
.800	-2.172	.84161	.87854	.75677	.68108	.28015	.95282	.98774	.90721	.85825	.44113
.800	-1.683	.84564	.88344	.75874	.68129	.28105	.95912	.99244	.91113	.86329	.44345
.800	-1.198	.84812	.88705	.75997	.68167	.28139	.96150	.99832	.91332	.86572	.44491
.800	-.709	.85001	.89058	.75997	.68117	.28079	.96271	1.00018	.91685	.86577	.44843
.800	-.223	.85069	.89141	.76095	.68117	.28079	.96271	1.00018	.91685	.86577	.44843
.800	.286	.85054	.88861	.76168	.68036	.28032	.96388	1.00190	.91843	.86550	.44989
.800	.796	.84929	.88930	.76088	.67754	.27848	.96326	1.00193	.91871	.86461	.45060
	GRADIENT	.00734	.00852	.00512	.00176	.00157	.00762	.00872	.00676	.00682	.00436

RUN NO. 1492/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
.900	-7.086	.81678	.84979	.75692	.71225	.31764	.92847	.95942	.89903	.83398	.46824
.899	-6.578	.82835	.86119	.76458	.71724	.32144	.93947	.97066	.90733	.84612	.47247
.900	-6.086	.83980	.87323	.77320	.72272	.32696	.94964	.98128	.91565	.85673	.47675
.900	-5.594	.85053	.88437	.78028	.72047	.33142	.95971	.99138	.92332	.86747	.48139
.900	-5.099	.85962	.89354	.78626	.72428	.33396	.96812	1.00030	.93006	.87676	.48469
.900	-4.605	.86854	.90281	.79115	.72834	.33760	.97627	1.00895	.93672	.88517	.48874
.900	-4.123	.87650	.91093	.79847	.73134	.34016	.98381	1.01693	.94291	.89153	.49218
.900	-3.634	.88287	.91774	.80285	.73437	.34216	.98928	1.02274	.94728	.89601	.49431
.900	-3.146	.88913	.92468	.80662	.74093	.34480	.99548	1.02946	.95250	.90197	.49779
.900	-2.659	.89361	.92992	.81016	.74155	.34587	.99983	1.03439	.95623	.90713	.49979
.900	-2.174	.89763	.93507	.81303	.74071	.34676	1.00385	1.03920	.95989	.91261	.50161
.900	-1.693	.90142	.93970	.81485	.74103	.34782	1.00781	1.04355	.96338	.91721	.50380
.900	-1.209	.90463	.94393	.81731	.74184	.34851	1.01086	1.04708	.96614	.92017	.50562
.900	-.721	.90585	.94656	.81821	.74134	.34764	1.01279	1.04981	.96816	.92070	.50732
.900	-.237	.90691	.94760	.81958	.74093	.34738	1.01413	1.05167	.96987	.92036	.50885
.900	.275	.90535	.94375	.81894	.73881	.34559	1.01407	1.05220	.97026	.91915	.50937
.900	.785	.90485	.94451	.81907	.73687	.34467	1.01418	1.05270	.97097	.91846	.51071
	GRADIENT	.00677	.00800	.00493	.00150	.00133	.00706	.00819	.00638	.00659	.00405

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(SCMO43) (03 OCT 91)

PARAMETRIC DATA

BETA = -3.000 PHI = 180.000

RUN NO. 1476/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CPO4
1.100	-7.037	.96983	.99923	.91210	.86869	.50975	1.07392	1.10204	1.04558	.98583	.65026
1.100	-6.520	.98026	1.00981	.91923	.87349	.51374	1.08364	1.11236	1.05311	.99651	.65435
1.100	-6.029	.98992	1.02002	.92554	.87600	.51769	1.09246	1.12181	1.06011	1.00582	.65809
1.100	-5.526	.99943	1.02972	.93193	.87547	.52124	1.10110	1.13078	1.06696	1.01508	.66143
1.100	-5.034	1.00705	1.03809	.93797	.87865	.52375	1.10840	1.13880	1.07315	1.02335	.66463
1.102	-4.532	1.01642	1.04801	.94349	.88369	.52838	1.11668	1.14734	1.07986	1.03150	.66862
1.101	-4.038	1.02180	1.05376	.94872	.88492	.52943	1.12189	1.15315	1.08421	1.03600	.67085
1.100	-3.545	1.02756	1.06020	.95275	.88934	.53093	1.12707	1.15905	1.08861	1.04055	.67286
1.100	-3.037	1.03246	1.06561	.95515	.89289	.53209	1.13130	1.16402	1.09220	1.04503	.67477
1.100	-2.557	1.03725	1.07129	.95945	.89381	.53409	1.13574	1.16865	1.09588	1.04993	.67679
1.100	-2.062	1.04163	1.07634	.96175	.89346	.53540	1.13973	1.17292	1.09921	1.05467	.67850
1.100	-1.566	1.04441	1.08063	.96396	.89428	.53614	1.14177	1.17590	1.10135	1.05781	.67922
1.099	-1.079	1.04651	1.08387	.96594	.89432	.53620	1.14321	1.17773	1.10251	1.05838	.67929
1.100	-.581	1.04891	1.08726	.96820	.89523	.53698	1.14552	1.18055	1.10481	1.05974	.68109
1.100	-.094	1.04907	1.08757	.96936	.89472	.53658	1.14567	1.18137	1.10543	1.05822	.68149
1.100	.416	1.04956	1.08578	.97005	.89446	.53679	1.14650	1.18269	1.10659	1.05802	.68268
1.100	.920	1.04835	1.08728	.96961	.89280	.53575	1.14525	1.18201	1.10602	1.05627	.68250
GRADIENT		.00611	.00750	.00482	.00168	.00154	.00538	.00648	.00489	.00492	.00254

RUN NO. 1516/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CPO4
1.250	-7.066	1.04011	1.07374	.98148	.93680	.57787	1.14363	1.17576	1.11517	1.05382	.71121
1.251	-6.560	1.05201	1.08610	.99044	.94333	.58293	1.15514	1.18759	1.12444	1.06533	.71633
1.250	-6.061	1.05954	1.09468	.99450	.94036	.58461	1.16340	1.19634	1.13074	1.07425	.71925
1.250	-5.570	1.06819	1.10424	1.00080	.94253	.58787	1.17112	1.20452	1.13654	1.08244	.72215
1.250	-5.073	1.07722	1.11347	1.00763	.94683	.59157	1.17871	1.21159	1.14195	1.09012	.72504
1.250	-4.583	1.08408	1.12079	1.01189	.94938	.59379	1.18503	1.21878	1.14759	1.09710	.72840
1.250	-4.095	1.08966	1.12687	1.01703	.95141	.59569	1.18943	1.22414	1.15169	1.10174	.73010
1.250	-3.601	1.09574	1.13327	1.02056	.95568	.59786	1.19546	1.23078	1.15695	1.10732	.73329
1.250	-3.110	1.10037	1.13888	1.02221	.95764	.59945	1.19927	1.23580	1.16066	1.11199	.73496
1.250	-2.627	1.10534	1.14413	1.02643	.95866	.60088	1.20431	1.24113	1.16483	1.11745	.73732
1.250	-2.138	1.10951	1.14962	1.03058	.96021	.60267	1.20760	1.24540	1.16811	1.12234	.73919
1.250	-1.654	1.11198	1.15284	1.03174	.95987	.60347	1.20976	1.24792	1.16982	1.12498	.73951
1.250	-1.167	1.11489	1.15728	1.03440	.96075	.60337	1.21276	1.25163	1.17279	1.12773	.74129
1.250	-.673	1.11610	1.15958	1.03557	.96064	.60322	1.21427	1.25361	1.17445	1.12810	.74258
1.250	-.189	1.11699	1.16042	1.03727	.96028	.60316	1.21575	1.25578	1.17604	1.12783	.74399
1.250	.322	1.11599	1.15712	1.03700	.95893	.60209	1.21571	1.25621	1.17625	1.12666	.74452
1.250	.832	1.11503	1.15808	1.03703	.95715	.60073	1.21527	1.25642	1.17642	1.12548	.74485
GRADIENT		.00595	.00725	.00474	.00146	.00140	.00579	.00713	.00546	.00565	.00311

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(SCMO43) (03 OCT 91)

PARAMETRIC DATA

BETA = -3.000 PHI = 180.000

RUN NO. 1532/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.400	-7.064	1.05676	1.10625	1.00150	.95291	.59239	1.16900	1.21302	1.14391	1.08052	.72855
1.400	-6.554	1.06555	1.11626	1.00719	.95487	.59514	1.17697	1.22224	1.15064	1.09076	.73158
1.400	-6.059	1.07441	1.12652	1.01364	.95479	.59812	1.18536	1.23150	1.15769	1.10030	.73502
1.400	-5.563	1.08292	1.13589	1.01900	.95846	.60138	1.19310	1.24011	1.16411	1.10932	.73832
1.400	-5.068	1.09083	1.14426	1.02376	.96128	.60405	1.20124	1.24850	1.17072	1.11868	.74198
1.400	-4.578	1.09644	1.15175	1.02890	.96381	.60611	1.20663	1.25535	1.17583	1.12478	.74414
1.400	-4.085	1.10339	1.15946	1.03295	.96647	.60808	1.21367	1.26343	1.18208	1.13140	.74767
1.399	-3.594	1.10886	1.16566	1.03563	.96979	.60940	1.21861	1.26934	1.18631	1.13588	.74951
1.400	-3.103	1.11326	1.17098	1.03872	.97073	.61042	1.22259	1.27407	1.18974	1.14031	.75125
1.400	-2.616	1.11852	1.17778	1.04432	.97293	.61263	1.22722	1.27975	1.19415	1.14617	.75366
1.400	-2.126	1.12151	1.18173	1.04702	.97285	.61319	1.23003	1.28307	1.19661	1.14993	.75581
1.399	-1.639	1.12382	1.18584	1.04893	.97262	.61301	1.23224	1.28605	1.19874	1.15307	.75537
1.399	-1.150	1.12702	1.19040	1.05095	.97340	.61375	1.23479	1.28945	1.20186	1.15588	.75718
1.400	-.660	1.12882	1.19373	1.05339	.97373	.61447	1.23688	1.29260	1.20489	1.15742	.75948
1.400	-.174	1.12906	1.19357	1.05419	.97230	.61378	1.23800	1.29409	1.20616	1.15637	.76015
1.400	.336	1.12834	1.18994	1.05483	.97094	.61272	1.23851	1.29543	1.20735	1.15609	.76126
1.400	.843	1.12761	1.19088	1.05647	.97089	.61212	1.23818	1.29591	1.20764	1.15498	.76215
	GRADIENT	.00579	.00751	.00516	.00108	.00115	.00571	.00734	.00582	.00580	.00318

RUN NO. 1550/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.449	-7.106	1.04547	1.11059	1.00100	.95424	.59705	1.16032	1.21331	1.14394	1.08298	.72978
1.450	-6.598	1.05469	1.12123	1.00705	.95445	.59996	1.16992	1.22463	1.15263	1.09470	.73456
1.450	-6.106	1.06378	1.13193	1.01442	.95732	.60404	1.17725	1.23383	1.15840	1.10339	.73738
1.449	-5.614	1.07148	1.14058	1.01941	.96018	.60677	1.18443	1.24203	1.16430	1.11149	.74076
1.450	-5.123	1.07723	1.14714	1.02203	.96170	.60832	1.19052	1.24969	1.17020	1.11980	.74400
1.449	-4.630	1.08305	1.15453	1.02638	.96387	.61032	1.19556	1.25725	1.17606	1.12693	.74630
1.450	-4.150	1.08947	1.16219	1.03222	.96657	.61273	1.20130	1.26535	1.18234	1.13358	.74918
1.450	-3.665	1.09561	1.16960	1.03612	.97007	.61436	1.20805	1.27316	1.18832	1.14026	.75228
1.450	-3.178	1.10077	1.17596	1.03916	.97216	.61564	1.21254	1.27886	1.19263	1.14541	.75442
1.450	-2.698	1.10332	1.18063	1.04282	.97191	.61589	1.21482	1.28294	1.19534	1.14930	.75587
1.450	-2.219	1.10811	1.18718	1.04740	.97365	.61793	1.21943	1.28815	1.19962	1.15481	.75895
1.450	-1.734	1.10996	1.19104	1.04833	.97286	.61920	1.22161	1.29101	1.20210	1.15800	.75963
1.450	-1.255	1.11281	1.19569	1.05147	.97399	.61791	1.22438	1.29496	1.20593	1.16109	.76168
1.450	-.772	1.11398	1.19796	1.05286	.97306	.61717	1.22633	1.29775	1.20868	1.16248	.76369
1.450	-.288	1.11363	1.19744	1.05314	.97099	.61555	1.22711	1.29932	1.20983	1.16129	.76465
1.451	-.225	1.11401	1.19561	1.05543	.97078	.61504	1.22948	1.30206	1.21260	1.16228	.76741
1.450	.732	1.11209	1.19440	1.05477	.96865	.61188	1.22898	1.30075	1.21122	1.15965	.76640
	GRADIENT	.00548	.00785	.00529	.00076	.00042	.00614	.00809	.00665	.00639	.00386

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(SCMO43) (03 OCT 91)

PARAMETRIC DATA

BETA = -3.000 PHI = 180.000

RUN NO. 1634/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.469	-7.100	1.01313	1.08988	.97834	.93337	.58345	1.13150	1.19808	1.12737	1.06702	.71239
1.469	-6.593	1.02158	1.10090	.98486	.93282	.58736	1.13751	1.20750	1.13526	1.07859	.71597
1.470	-6.099	1.02893	1.11125	.99123	.93513	.59013	1.14479	1.21850	1.14345	1.08945	.71968
1.469	-5.607	1.03465	1.11968	.99560	.93744	.59163	1.15045	1.22722	1.14922	1.09810	.72073
1.469	-5.111	1.04261	1.12926	1.00049	.94105	.59444	1.15826	1.23585	1.15523	1.10575	.72387
1.469	-4.624	1.04879	1.13722	1.00676	.94393	.59676	1.16317	1.24169	1.15928	1.11038	.72612
1.470	-4.135	1.05415	1.14338	1.01124	.94623	.59851	1.16829	1.24827	1.16460	1.11624	.73026
1.470	-3.649	1.05870	1.14988	1.01411	.94940	.59977	1.17246	1.25457	1.16885	1.12166	.73318
1.469	-3.165	1.06250	1.15435	1.01608	.94977	.59992	1.17546	1.25842	1.17134	1.12537	.73400
1.469	-2.682	1.06610	1.16005	1.02081	.95076	.60112	1.17816	1.26270	1.17427	1.12948	.73574
1.469	-2.199	1.06957	1.16552	1.02373	.95117	.60139	1.18185	1.26703	1.17685	1.13291	.73814
1.469	-1.719	1.07310	1.17046	1.02597	.95162	.60133	1.18552	1.26987	1.17887	1.13479	.73995
1.469	-1.235	1.07501	1.17441	1.02816	.95157	.60022	1.18765	1.27183	1.18079	1.13618	.74131
1.470	-.749	1.07698	1.17822	1.03064	.95163	.60022	1.19042	1.27495	1.18380	1.13784	.74379
1.471	-.267	1.07877	1.17919	1.03351	.95212	.60021	1.19323	1.27863	1.18687	1.13923	.74694
1.469	.244	1.07653	1.17464	1.03378	.95012	.59725	1.19305	1.27938	1.18754	1.13794	.74751
1.469	.756	1.07625	1.17547	1.03521	.94968	.59531	1.19413	1.28030	1.18844	1.13725	.74846
GRADIENT		.00535	.00770	.00537	.00093	-.00018	.00585	.00708	.00529	.00501	.00406

RUN NO. 1585/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.491	-7.089	.96947	1.08371	.97011	.92245	.57715	1.09134	1.19080	1.11944	1.06265	.70992
1.491	-6.585	.97523	1.09516	.97714	.92418	.58104	1.09610	1.20086	1.12682	1.07325	.71351
1.492	-6.093	.97910	1.10310	.98114	.92545	.58260	1.09953	1.20863	1.13288	1.08221	.71621
1.491	-5.601	.98263	1.11366	.98721	.93022	.58656	1.10215	1.21812	1.13970	1.09216	.71933
1.491	-5.108	.98385	1.12227	.99117	.93272	.58865	1.10427	1.22600	1.14576	1.09964	.72224
1.491	-4.614	.98429	1.12931	.99631	.93457	.59035	1.10429	1.23194	1.14971	1.10421	.72371
1.492	-4.132	.98261	1.13674	1.00095	.93723	.59211	1.10381	1.23911	1.15527	1.11011	.72636
1.491	-3.646	.98302	1.14311	1.00274	.93887	.59274	1.10445	1.24526	1.15952	1.11479	.72839
1.491	-3.156	.98302	1.14927	1.00612	.93932	.59350	1.10442	1.25069	1.16275	1.11872	.72973
1.491	-2.672	.98318	1.15623	1.01021	.94101	.59482	1.10482	1.25537	1.16591	1.12560	.73143
1.491	-2.191	.98207	1.16249	1.01404	.94227	.59568	1.10454	1.25977	1.16917	1.12584	.73359
1.491	-1.708	.98022	1.16799	1.01677	.94251	.59564	1.10374	1.26302	1.17157	1.12808	.73521
1.492	-1.224	.97778	1.17267	1.01953	.94290	.59574	1.10271	1.26632	1.17409	1.13002	.73697
1.491	-.736	.97667	1.17459	1.02149	.94236	.59515	1.10335	1.26897	1.17607	1.13058	.73866
1.491	-.252	.97442	1.17187	1.02291	.94119	.59416	1.10282	1.27065	1.17747	1.13009	.74011
1.491	.260	.97397	1.16847	1.02350	.94005	.59257	1.10484	1.27248	1.17865	1.12956	.74111
1.491	.772	.97639	1.16817	1.02397	.93907	.59155	1.10823	1.27420	1.18022	1.12946	.74238
GRADIENT		-.00197	.00783	.00541	.00080	.00027	.00021	.00767	.00548	.00460	.00346

IA310 (AEDC 16TF-783) PROBE CALIBRATION (SCMO43) (03 OCT 91)

PARAMETRIC DATA

BETA = -3.000 PHI = 180.000

RUN NO. 1601/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.516	-7.094	.86818	1.08646	.97284	.92664	.58134	1.00494	1.19295	1.12258	1.06886	.71094
1.516	-6.586	.86095	1.09702	.97389	.92790	.58384	.99890	1.20286	1.12951	1.07743	.71513
1.516	-6.094	.85183	1.10627	.98232	.93060	.58681	.98843	1.20973	1.13424	1.08477	.71716
1.517	-5.600	.84695	1.11516	.98581	.93290	.58912	.98466	1.21860	1.14048	1.09415	.72020
1.517	-5.109	.84848	1.12634	.99349	.93734	.59283	.98474	1.22858	1.14844	1.10434	.72428
1.517	-4.619	.84244	1.13442	.99734	.93904	.59416	.97803	1.23534	1.15320	1.10958	.72625
1.517	-4.132	.83600	1.14197	1.00004	.94147	.59551	.97239	1.24245	1.15884	1.11525	.72928
1.517	-3.646	.82598	1.14931	1.00386	.94260	.59734	.96456	1.24972	1.16418	1.12063	.73168
1.516	-3.155	.82218	1.15620	1.00745	.94341	.59827	.96193	1.25669	1.16892	1.12563	.73377
1.516	-2.672	.81230	1.16305	1.00999	.94350	.59873	.95490	1.26332	1.17351	1.12998	.73550
1.517	-2.189	.80747	1.17032	1.01358	.94435	.59977	.95074	1.26887	1.17746	1.13396	.73716
1.517	-1.706	.80203	1.17539	1.01477	.94286	.59905	.94735	1.27248	1.18018	1.13655	.73769
1.516	-1.222	.79928	1.17952	1.01699	.94239	.59882	.94477	1.27612	1.18298	1.13846	.73882
1.517	-.736	.79908	1.18197	1.02014	.94240	.59959	.94527	1.28131	1.18720	1.14108	.74135
1.516	-.252	.80049	1.17908	1.02190	.94135	.59888	.94895	1.28395	1.18912	1.14117	.74268
1.517	.260	.80106	1.17495	1.02253	.94046	.59835	.95008	1.28689	1.19174	1.14202	.74544
1.517	.772	.80145	1.17383	1.02226	.93815	.59660	.95111	1.28711	1.19232	1.14096	.74665
	GRADIENT	-.00789	.00802	.00493	-.00027	.00049	-.00517	.00984	.00733	.00598	.00355

RUN NO. 1616/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.541	-7.093	.68609	1.08685	.96245	.91968	.57717	.83287	1.19512	1.12237	1.06839	.71384
1.541	-6.587	.68402	1.09861	.96406	.92219	.57993	.82602	1.20359	1.12802	1.07733	.71586
1.541	-6.093	.68656	1.11173	.97059	.92567	.58319	.82611	1.21459	1.13576	1.08802	.72013
1.541	-5.601	.68943	1.12476	.97503	.92764	.58531	.82492	1.22175	1.14057	1.09456	.72188
1.541	-5.110	.69320	1.13856	.98073	.93004	.58775	.82716	1.23134	1.14677	1.10111	.72535
1.542	-4.618	.69864	1.15151	.98643	.93172	.58948	.83028	1.23911	1.15155	1.10640	.72719
1.541	-4.127	.70407	1.16353	.99157	.93244	.59070	.83446	1.24767	1.15638	1.11175	.72885
1.541	-3.644	.71199	1.17581	.99753	.93369	.59195	.84085	1.25747	1.16145	1.11713	.73081
1.541	-3.155	.72515	1.18663	1.00516	.93657	.59446	.85125	1.26816	1.16660	1.12250	.73273
1.541	-2.672	.74649	1.18889	1.01368	.93878	.59588	.86874	1.28067	1.17115	1.12770	.73431
1.541	-2.187	.78991	1.14879	1.02346	.94265	.59755	.90389	1.30144	1.17610	1.13357	.73631
1.541	-1.707	.82287	1.10105	1.02707	.94416	.59830	.93158	1.31911	1.17959	1.13651	.73726
1.541	-1.220	.84427	1.07631	1.02764	.94603	.60022	.94932	1.33151	1.18405	1.13964	.73933
1.541	-.734	.85735	1.06357	1.02350	.94446	.60074	.96055	1.34029	1.18746	1.14104	.74110
1.541	-.250	.86561	1.06015	1.01879	.94173	.60103	.96896	1.34584	1.19022	1.14167	.74268
1.541	.259	.87007	1.05998	1.01508	.93705	.59997	.97342	1.34910	1.19196	1.14111	.74339
1.541	.770	.87094	1.06261	1.01337	.93371	.59858	.97474	1.35084	1.19320	1.14054	.74396
	GRADIENT	.03904	-.02664	.00567	.00129	.00209	.03260	.02357	.00807	.00675	.00327

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(SCMO44) (03 OCT 91)

PARAMETRIC DATA

BETA = -2.500 PHI = 180.000

RUN NO. 1570/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CP04
.599	-7.098	.67721	.71468	.62892	.58453	.19912	.77473	.80797	.74883	.67833	.32034
.599	-6.592	.69331	.73020	.63922	.59175	.20461	.79109	.82376	.76161	.69704	.32797
.599	-6.103	.70433	.74067	.64617	.59667	.20866	.80033	.83335	.76802	.70733	.33150
.599	-5.605	.71860	.75445	.65523	.59841	.21365	.81309	.84604	.77778	.71990	.33634
.599	-5.111	.72926	.76436	.66130	.59994	.21737	.82266	.85595	.78519	.73083	.34072
.599	-4.631	.74169	.77641	.67038	.60639	.22261	.83421	.86714	.79406	.74199	.34628
.600	-4.147	.74770	.78268	.67407	.60795	.22435	.83994	.87311	.79819	.74780	.34835
.600	-3.656	.75628	.79119	.68056	.61157	.22776	.84876	.88167	.80479	.75486	.35263
.599	-3.174	.76338	.79847	.68418	.61792	.22873	.85630	.88920	.81053	.76099	.35511
.600	-2.697	.76879	.80452	.68784	.62061	.23052	.86131	.89475	.81443	.76623	.35737
.600	-2.219	.77501	.81156	.69273	.62230	.23263	.86749	.90098	.81950	.77270	.36000
.600	-1.743	.77802	.81464	.69321	.62042	.23382	.87082	.90477	.82235	.77677	.36266
.600	-1.267	.78177	.82020	.69571	.62115	.23344	.87472	.90963	.82599	.78059	.36405
.599	- .789	.78499	.82420	.69803	.62210	.23395	.87923	.91429	.83020	.78327	.36766
.600	- .311	.78385	.82381	.69715	.61960	.23234	.87934	.91516	.83081	.78276	.36965
.600	.200	.78277	.82046	.69711	.61762	.23027	.88065	.91683	.83243	.78156	.37095
.600	.717	.78086	.82074	.69560	.61471	.22829	.88041	.91750	.83343	.78071	.37243
	GRADIENT	.00787	.00892	.00502	.00184	.00132	.00902	.00981	.00766	.00783	.00504

RUN NO. 1460/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CP04
.800	-7.069	.76529	.80056	.70844	.66289	.26340	.86111	.89347	.83161	.76495	.39032
.800	-6.563	.77753	.81345	.71715	.66835	.26797	.87357	.90616	.84117	.77847	.39576
.800	-6.066	.78930	.82516	.72557	.67402	.27232	.88470	.91732	.84998	.78991	.40043
.800	-5.573	.80091	.83700	.73365	.67187	.27754	.89519	.92776	.85788	.80126	.40494
.800	-5.085	.81146	.84738	.74013	.67709	.28105	.90461	.93766	.86530	.81126	.40885
.800	-4.594	.82070	.85651	.74546	.68075	.28465	.91279	.94618	.87184	.81929	.41286
.800	-4.100	.82968	.86515	.75274	.68419	.28766	.92040	.95428	.87782	.82580	.41627
.800	-3.613	.83714	.87280	.75807	.68754	.29044	.92756	.96150	.88348	.83160	.41971
.800	-3.126	.84280	.87904	.76142	.69361	.29239	.93354	.96784	.88831	.83703	.42252
.800	-2.638	.84869	.88541	.76598	.69595	.29431	.93915	.97394	.89305	.84294	.42501
.800	-2.158	.85307	.89085	.76886	.69668	.29600	.94324	.97815	.89628	.84753	.42681
.800	-1.675	.85692	.89529	.77071	.69531	.29659	.94728	.98298	.89991	.85232	.42891
.800	-1.194	.85974	.89977	.77279	.69591	.29687	.94999	.98619	.90248	.85484	.43037
.800	- .709	.86140	.90241	.77437	.69563	.29624	.95244	.98939	.90498	.85565	.43259
.800	- .229	.86193	.90384	.77514	.69480	.29555	.95377	.99117	.90665	.85543	.43450
.800	.283	.86102	.90012	.77531	.69338	.29443	.95464	.99240	.90792	.85501	.43600
.800	.797	.86002	.90193	.77440	.69122	.29310	.95459	.99298	.90874	.85441	.43724
	GRADIENT	.00730	.00857	.00522	.00185	.00155	.00776	.00871	.00684	.00680	.00443

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(SCM044) (03 OCT 91)

PARAMETRIC DATA

BETA = -2.500 PHI = 180.000

RUN NO. 1493/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
.900	-7.073	.82805	.86178	.77035	.72480	.33205	.91905	.95036	.88878	.82421	.45466
.900	-6.565	.83920	.87362	.77797	.73010	.33607	.93087	.96292	.89824	.83715	.46009
.899	-6.070	.84989	.88465	.78497	.73438	.33986	.94057	.97273	.90335	.84700	.46327
.900	-5.578	.86120	.89621	.79323	.73284	.34516	.95052	.98300	.91329	.85797	.46793
.900	-5.088	.87137	.90653	.80025	.73815	.34921	.95929	.99225	.92047	.86740	.47183
.900	-4.596	.87933	.91445	.80436	.74102	.35138	.96657	.99980	.92597	.87474	.47447
.900	-4.106	.88705	.92264	.81168	.74423	.35428	.97412	1.00782	.93234	.88134	.47815
.900	-3.618	.89390	.92980	.81664	.74754	.35707	.98064	1.01477	.93772	.88699	.48169
.900	-3.129	.89978	.93628	.81993	.75388	.35905	.98656	1.02108	.94241	.89249	.48421
.900	-2.645	.90465	.94206	.82389	.75509	.36069	.99119	1.02598	.94632	.89755	.48632
.900	-2.163	.90892	.94666	.82612	.75431	.36145	.99490	1.03035	.94957	.90242	.48764
.900	-1.685	.91242	.95110	.82864	.75460	.36280	.99860	1.03446	.95275	.90677	.48979
.900	-1.202	.91532	.95531	.83050	.75511	.36274	1.00155	1.03785	.95552	.90955	.49133
.900	-.722	.91681	.95789	.83235	.75495	.36244	1.00385	1.04073	.95781	.91014	.49344
.900	-.241	.91756	.95942	.83305	.75425	.36179	1.00529	1.04268	.95958	.91025	.49525
.900	.270	.91639	.95571	.83303	.75255	.35998	1.00580	1.04402	.96089	.90974	.49651
.900	.787	.91549	.95661	.83219	.75039	.35880	1.00582	1.04448	.96159	.90893	.49755
	GRADIENT	.00680	.00804	.00501	.00165	.00136	.00726	.00826	.00653	.00662	.00415

RUN NO. 1477/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.100	-7.032	.97882	1.00911	.92284	.87867	.52140	1.06468	1.09362	1.03596	.97638	.63768
1.100	-6.521	.98951	1.02022	.93070	.88459	.52532	1.07466	1.10396	1.04369	.98659	.64181
1.100	-6.020	.99903	1.03015	.93651	.88604	.52931	1.08444	1.11434	1.05137	.99721	.64631
1.100	-5.523	1.00872	1.04051	.94398	.88686	.53370	1.09281	1.12306	1.05791	1.00609	.64950
1.100	-5.026	1.01666	1.04897	.94985	.89047	.53552	1.10000	1.13067	1.06351	1.01399	.65229
1.100	-4.534	1.02465	1.05703	.95430	.89388	.53919	1.10690	1.13813	1.06913	1.02108	.65517
1.100	-4.035	1.03123	1.06408	.96018	.89638	.54141	1.11317	1.14492	1.07440	1.02646	.65830
1.100	-3.535	1.03703	1.07033	.96430	.90041	.54325	1.11830	1.15049	1.07875	1.03071	.66042
1.100	-3.035	1.04209	1.07605	.96703	.90453	.54460	1.12365	1.15637	1.08337	1.03638	.66290
1.100	-2.549	1.04673	1.08143	.97057	.90455	.54624	1.12749	1.16057	1.08642	1.04094	.66414
1.100	-2.058	1.05054	1.08602	.97316	.90503	.54748	1.13040	1.16404	1.08878	1.04481	.66498
1.100	-1.566	1.05429	1.09108	.97643	.90631	.54913	1.13387	1.16789	1.09205	1.04897	.66703
1.100	-1.077	1.05617	1.09437	.97845	.90658	.54910	1.13522	1.16987	1.09348	1.04978	.66734
1.100	-.583	1.05824	1.09738	.98114	.90708	.54955	1.13708	1.17231	1.09542	1.05043	.66866
1.100	-.099	1.05884	1.09816	.98170	.90692	.54934	1.13777	1.17352	1.09646	1.04943	.66944
1.100	.414	1.05865	1.09600	.98202	.90621	.54874	1.13800	1.17442	1.09712	1.04887	.67038
1.100	.921	1.05779	1.09875	.98243	.90496	.54827	1.13734	1.17394	1.09682	1.04717	.67035
	GRADIENT	.00620	.00772	.00513	.00195	.00172	.00558	.00660	.00508	.00510	.00268

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(SCMO44) (03 OCT 91)

PARAMETRIC DATA

BETA = -2.500 PHI = 180.000

RUN NO. 1517/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.250	-7.059	1.05040	1.08484	.99348	.94819	.58966	1.13335	1.16816	1.10614	1.04474	.69913
1.250	-6.549	1.06041	1.09584	1.00094	.95336	.59336	1.14539	1.17875	1.11402	1.05523	.70327
1.250	-6.056	1.06979	1.10600	1.00739	.95205	.59728	1.15458	1.18821	1.12126	1.06531	.70712
1.250	-5.559	1.07847	1.11517	1.01297	.95428	.60009	1.16310	1.19665	1.12748	1.07381	.71027
1.250	-5.062	1.08727	1.12445	1.01972	.95884	.60403	1.17015	1.20405	1.13307	1.08174	.71344
1.250	-4.571	1.09302	1.13051	1.02378	.96077	.60587	1.17482	1.20916	1.13690	1.08713	.71519
1.250	-4.078	1.09955	1.13747	1.02932	.96343	.60818	1.18114	1.21640	1.14278	1.09332	.71861
1.250	-3.587	1.10559	1.14380	1.03217	.96752	.61048	1.18641	1.22251	1.14746	1.09834	.72112
1.250	-3.101	1.11000	1.14879	1.03429	.96951	.61150	1.19049	1.22718	1.15065	1.10249	.72236
1.250	-2.615	1.11524	1.15480	1.03934	.97173	.61345	1.19518	1.23234	1.15467	1.10777	.72450
1.250	-2.128	1.11930	1.15980	1.04260	.97243	.61480	1.19884	1.23642	1.15775	1.11233	.72608
1.250	-1.645	1.12169	1.16341	1.04398	.97203	.61514	1.20143	1.23972	1.16015	1.11566	.72736
1.250	-1.159	1.12385	1.16706	1.04657	.97251	.61559	1.20357	1.24251	1.16222	1.11728	.72819
1.250	-.679	1.12614	1.16983	1.04850	.97268	.61559	1.20653	1.24570	1.16488	1.11844	.73020
1.250	-.193	1.12570	1.16973	1.04817	.97118	.61444	1.20694	1.24650	1.16538	1.11693	.73079
1.250	.318	1.12551	1.16826	1.04925	.97105	.61420	1.20800	1.24833	1.16720	1.11737	.73292
1.249	.832	1.12482	1.16957	1.04923	.96947	.61312	1.20791	1.24841	1.16741	1.11635	.73333
GRADIENT		.00595	.00739	.00476	.00148	.00135	.00613	.00725	.00556	.00557	.00320

RUN NO. 1533/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.400	-7.053	1.06613	1.11644	1.01291	.96474	.60318	1.15775	1.20283	1.13248	1.06975	.71452
1.400	-6.544	1.07716	1.12854	1.02002	.96577	.60771	1.16788	1.21388	1.14087	1.08194	.71917
1.400	-6.050	1.08476	1.13729	1.02552	.96619	.61018	1.17481	1.22183	1.14653	1.09033	.72178
1.400	-5.553	1.09317	1.14727	1.03192	.97046	.61363	1.18353	1.23120	1.15366	1.10009	.72545
1.400	-5.060	1.09935	1.15440	1.03556	.97252	.61513	1.18939	1.23827	1.15907	1.10802	.72802
1.400	-4.564	1.10754	1.16360	1.04224	.97673	.61871	1.19720	1.24682	1.16597	1.11589	.73157
1.400	-4.076	1.11384	1.17093	1.04583	.97922	.62089	1.20292	1.25328	1.17057	1.12088	.73394
1.400	-3.582	1.11918	1.17719	1.04996	.98298	.62224	1.20770	1.25925	1.17502	1.12596	.73622
1.400	-3.092	1.12388	1.18255	1.05299	.98518	.62364	1.21228	1.26439	1.17892	1.13086	.73825
1.400	-2.605	1.12836	1.18806	1.05671	.98557	.62432	1.21621	1.26916	1.18206	1.13478	.73932
1.400	-2.118	1.13246	1.19355	1.06037	.98542	.62593	1.21990	1.27341	1.18570	1.13971	.74141
1.400	-1.634	1.13433	1.19714	1.06221	.98609	.62582	1.22188	1.27665	1.18845	1.14302	.74257
1.400	-1.148	1.13755	1.20156	1.06546	.98730	.62716	1.22509	1.28083	1.19208	1.14525	.74458
1.400	-.662	1.13787	1.20293	1.06570	.98571	.62597	1.22573	1.28261	1.19361	1.14566	.74536
1.400	-.177	1.13879	1.20374	1.06710	.98485	.62546	1.22775	1.28524	1.19588	1.14549	.74694
1.400	.333	1.13746	1.20083	1.06696	.98282	.62400	1.22798	1.28609	1.19664	1.14466	.74784
1.400	.845	1.13802	1.20262	1.06925	.98308	.62433	1.22902	1.28769	1.19831	1.14538	.75004
GRADIENT		.00559	.00735	.00499	.00087	.00094	.00579	.00754	.00601	.00559	.00325

IA310 (AEDC 16TF-783) PROBE CALIBRATION (SCMO44) (03 OCT 91)

PARAMETRIC DATA

BETA = -2.500 PHI = 180.000

RUN NO. 1551/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.450	-7.083	1.05773	1.12387	1.01537	.96667	.61036	1.15062	1.20529	1.13463	1.07470	.71809
1.450	-6.580	1.06597	1.13320	1.02074	.96597	.61272	1.15888	1.21548	1.14195	1.08568	.72151
1.451	-6.087	1.07479	1.14358	1.02773	.96934	.61672	1.16677	1.22498	1.14872	1.09441	.72520
1.450	-5.596	1.08169	1.15121	1.03167	.97121	.61847	1.17405	1.23297	1.15454	1.10247	.72845
1.450	-5.106	1.08832	1.15923	1.03579	.97468	.62173	1.17885	1.24007	1.15935	1.11024	.73060
1.450	-4.616	1.09524	1.16771	1.04186	.97773	.62413	1.18572	1.24337	1.16691	1.11875	.73428
1.450	-4.127	1.10068	1.17474	1.04662	.97972	.62567	1.19087	1.25659	1.17210	1.12426	.73618
1.450	-3.640	1.10686	1.18174	1.05034	.98355	.62750	1.19664	1.26308	1.17714	1.12977	.73933
1.449	-3.158	1.11045	1.18701	1.05161	.98353	.62708	1.20054	1.26878	1.18095	1.13431	.74031
1.449	-2.676	1.11534	1.19350	1.05681	.98535	.62964	1.20430	1.27376	1.18489	1.13913	.74324
1.450	-2.202	1.11867	1.19859	1.06030	.98632	.63057	1.20738	1.27760	1.18808	1.14348	.74497
1.450	-1.726	1.12027	1.20218	1.06235	.98631	.63033	1.20922	1.28141	1.19141	1.14712	.74609
1.450	-1.249	1.12323	1.20542	1.06478	.98679	.63058	1.21314	1.28589	1.19577	1.15008	.74821
1.450	-.769	1.12403	1.20828	1.06648	.98634	.63032	1.21502	1.28977	1.19924	1.15176	.75072
1.450	-.291	1.12339	1.20768	1.06656	.98398	.62821	1.21578	1.29132	1.20020	1.15070	.75176
1.450	.220	1.12294	1.20593	1.06733	.98253	.62605	1.21755	1.29298	1.20152	1.15039	.75306
1.450	.736	1.12197	1.20630	1.06827	.98149	.62464	1.21810	1.29339	1.20230	1.14999	.75408
	GRADIENT	.00508	.00746	.00499	.00063	.00023	.00601	.00835	.00682	.00613	.00380

RUN NO. 1635/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.470	-7.080	1.02498	1.10234	.99200	.94281	.59631	1.11997	1.18896	1.11722	1.05811	.69988
1.469	-6.577	1.03181	1.11267	.99810	.94448	.59920	1.12567	1.19927	1.12494	1.06930	.70294
1.469	-6.086	1.03967	1.12335	1.00495	.94779	.60220	1.13334	1.20955	1.13290	1.08019	.70610
1.469	-5.591	1.04692	1.13235	1.00986	.95091	.60415	1.14040	1.21825	1.13865	1.08936	.70783
1.469	-5.097	1.05351	1.14049	1.01454	.95386	.60636	1.14674	1.22585	1.14391	1.09577	.71069
1.470	-4.609	1.06108	1.14990	1.02203	.95837	.61031	1.15349	1.23413	1.15072	1.10305	.71573
1.468	-4.120	1.06402	1.15405	1.02421	.95866	.61012	1.15516	1.23729	1.15236	1.10511	.71580
1.470	-3.632	1.06991	1.16118	1.02812	.96268	.61233	1.16102	1.24420	1.15778	1.11136	.71945
1.470	-3.150	1.07473	1.16727	1.03140	.96407	.61388	1.16506	1.24983	1.16199	1.11654	.72179
1.471	-2.670	1.07851	1.17300	1.03485	.96452	.61450	1.16842	1.25371	1.16419	1.11936	.72340
1.470	-2.185	1.08120	1.17696	1.03670	.96396	.61379	1.17129	1.25539	1.16514	1.12105	.72479
1.470	-1.710	1.08437	1.18288	1.04075	.96552	.61465	1.17408	1.25910	1.16812	1.12446	.72716
1.470	-1.232	1.08456	1.18515	1.04196	.96455	.61312	1.17489	1.26144	1.17005	1.12542	.72791
1.470	-.748	1.08582	1.18866	1.04414	.96448	.61229	1.17733	1.26511	1.17317	1.12727	.73050
1.471	-.271	1.08693	1.18960	1.04642	.96428	.61120	1.18034	1.26853	1.17612	1.12857	.73355
1.470	.242	1.08430	1.18599	1.04610	.96201	.60804	1.18025	1.26904	1.17626	1.12690	.73445
1.484	.756	1.08358	1.18547	1.04655	.96053	.60552	1.18072	1.26963	1.17672	1.12575	.73506
	GRADIENT	.00450	.00739	.00493	.00049	-.00066	.00537	.00685	.00509	.00462	.00388

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(SCMO44) (03 OCT 91)

PARAMETRIC DATA

BETA = -2.500 PHI = 180.000

RUN NO. 1586/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CPO4
1.491	-7.079	.97973	1.09632	.98349	.93292	.58995	1.07825	1.18194	1.10972	1.05433	.69775
1.492	-6.571	.98549	1.10668	.99020	.93565	.59349	1.08229	1.19078	1.11589	1.06325	.70050
1.491	-6.082	.98896	1.11571	.99538	.93852	.59568	1.08609	1.20049	1.12342	1.07427	.70402
1.491	-5.586	.99074	1.12543	.99988	.94184	.59816	1.08811	1.20917	1.12953	1.08386	.70698
1.492	-5.091	.99160	1.13354	1.00511	.94479	.60075	1.08874	1.21647	1.13466	1.09051	.70968
1.492	-4.603	.99062	1.14131	1.00996	.94715	.60269	1.08800	1.22340	1.13964	1.09592	.71168
1.492	-4.111	.99160	1.14865	1.01414	.94995	.60516	1.08829	1.22972	1.14402	1.10043	.71336
1.491	-3.622	.99076	1.15480	1.01648	.95193	.60573	1.08767	1.23540	1.14768	1.10440	.71462
1.492	-3.141	.98948	1.16187	1.01989	.95256	.60668	1.08726	1.24083	1.15166	1.10839	.71694
1.492	-2.659	.99026	1.16944	1.02516	.95466	.60834	1.08801	1.24570	1.15522	1.11188	.71907
1.491	-2.175	.98407	1.17313	1.02736	.95450	.60794	1.08290	1.24817	1.15647	1.11341	.71878
1.491	-1.701	.98216	1.17851	1.03053	.95543	.60838	1.08201	1.25194	1.15947	1.11648	.72101
1.491	-1.219	.97943	1.18304	1.03300	.95548	.60802	1.08112	1.25505	1.16185	1.11829	.72293
1.492	-.736	.97788	1.18541	1.03537	.95560	.60810	1.08173	1.25854	1.16491	1.12013	.72586
1.492	-.256	.97725	1.18370	1.03625	.95430	.60662	1.08334	1.26064	1.16656	1.12019	.72750
1.492	.257	.97604	1.18104	1.03686	.95303	.60481	1.08505	1.26258	1.16809	1.12003	.72912
1.492	.772	.97898	1.17978	1.03729	.95178	.60352	1.08925	1.26400	1.16919	1.11947	.73025
-	.00327	-	.00776	.00538	.00081	.00013	-.00067	.00748	.00549	.00451	.00356

GRADIENT

RUN NO. 1602/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CPO4
1.516	-7.084	.87681	1.09800	.98524	.93756	.59273	.98793	1.18299	1.11115	1.05712	.69777
1.516	-6.572	.87081	1.10761	.99095	.93866	.59545	.98170	1.19111	1.11685	1.06610	.70076
1.517	-6.076	.86425	1.11901	.99695	.94321	.59866	.97510	1.20149	1.12464	1.07718	.70560
1.517	-5.580	.86009	1.12842	1.00104	.94620	.60211	.97060	1.20966	1.13055	1.08625	.70820
1.516	-5.096	.85846	1.13789	1.00719	.94935	.60461	.96673	1.21749	1.13627	1.09358	.71007
1.517	-4.604	.85662	1.14575	1.01072	.95120	.60612	.96366	1.22403	1.14071	1.09827	.71196
1.517	-4.112	.84653	1.15321	1.01292	.95360	.60760	.95595	1.23212	1.14686	1.10455	.71547
1.517	-3.624	.83919	1.16034	1.01641	.95409	.60879	.95036	1.23962	1.15206	1.10939	.71784
1.517	-3.139	.83198	1.16753	1.02012	.95473	.61009	.94416	1.24644	1.15676	1.11376	.71990
1.517	-2.660	.82352	1.17519	1.02361	.95581	.61099	.93707	1.25333	1.16151	1.11811	.72176
1.517	-2.178	.82293	1.18452	1.02893	.95838	.61329	.93778	1.26098	1.16759	1.12455	.72474
1.517	-1.698	.81601	1.18811	1.02916	.95598	.61158	.93213	1.26345	1.16884	1.12570	.72440
1.517	-1.218	.81405	1.19201	1.03119	.95529	.61109	.93096	1.26756	1.17159	1.12776	.72532
1.517	-.736	.81792	1.19511	1.03492	.95628	.61177	.93604	1.27257	1.17584	1.13044	.72840
1.517	-.255	.81479	1.19299	1.03561	.95443	.61035	.93529	1.27500	1.17759	1.13041	.72962
1.517	.257	.81738	1.18843	1.03656	.95345	.60972	.94007	1.27828	1.18059	1.13170	.73282
1.516	.771	.81548	1.18535	1.03446	.94961	.60678	.93869	1.27816	1.18051	1.12995	.73313
-	.00713	-	.00842	.00507	-.00010	.00031	-.00422	.01032	.00753	.00614	.00378

GRADIENT

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(SCMO44) (03 OCT 91)

PARAMETRIC DATA

BETA = -2.500 PHI = 180.000

RUN NO. 1617/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.541	-7.079	.69333	1.09638	.97397	.92973	.58703	.81146	1.18224	1.10793	1.05617	.69814
1.541	-6.570	.69531	1.11107	.97940	.93546	.59210	.80984	1.19494	1.11763	1.06902	.70384
1.541	-6.076	.69768	1.12310	.98371	.93761	.59414	.81009	1.20475	1.12462	1.07851	.70740
1.541	-5.581	.70062	1.13600	.98814	.93950	.59607	.81114	1.21292	1.13020	1.08466	.70965
1.541	-5.091	.70474	1.14923	.99396	.94188	.59867	.81325	1.22180	1.13561	1.09032	.71196
1.541	-4.603	.71046	1.16286	.99971	.94354	.60050	.81749	1.23070	1.14077	1.09637	.71408
1.541	-4.115	.71812	1.17545	1.00523	.94487	.60191	.82325	1.24064	1.14549	1.10183	.71586
1.541	-3.624	.73131	1.18917	1.01209	.94682	.60353	.83378	1.25216	1.15079	1.10739	.71801
1.542	-3.136	.75576	1.20316	1.02145	.95062	.60649	.85331	1.26619	1.15652	1.11345	.72028
1.542	-2.659	.79769	1.19471	1.03212	.95425	.60781	.88891	1.28812	1.16130	1.11906	.72142
1.542	-2.175	.83437	1.14656	1.03956	.95695	.60949	.92083	1.31025	1.16570	1.12271	.72273
1.541	-1.697	.85653	1.11187	1.04296	.95843	.61063	.94022	1.32144	1.17027	1.12603	.72442
1.541	-1.218	.87045	1.08753	1.04302	.95895	.61167	.95267	1.32811	1.17426	1.12855	.72571
1.542	-.737	.88189	1.07694	1.04046	.95827	.61261	.96288	1.33339	1.17884	1.13094	.72797
1.542	-.254	.88851	1.07050	1.03626	.95560	.61261	.97079	1.33818	1.18149	1.13150	.72966
1.542	.257	.89530	1.06713	1.03343	.95217	.61234	.97792	1.34260	1.18432	1.13222	.73166
1.541	.771	.89806	1.06950	1.03203	.94891	.61081	.98000	1.34423	1.18545	1.13143	.73202
	GRADIENT	.04048	-.02745	.00653	.00171	.00226	.03522	.02327	.00871	.00681	.00341

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(SCMO45) (03 OCT 91)

PARAMETRIC DATA

BETA = -2.000 PHI = 180.000

RUN NO. 1571/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CP04
.599	-7.078	.68903	.72729	.64139	.59678	.21237	.76521	.79925	.73872	.66953	.30579
.599	-6.577	.70318	.74098	.65105	.60278	.21760	.77852	.81271	.74883	.68491	.31204
.599	-6.082	.71953	.75668	.66271	.61222	.22483	.79375	.82734	.76072	.69981	.31963
.600	-5.586	.72973	.76628	.66840	.60900	.22809	.80300	.83653	.76724	.70982	.32304
.599	-5.096	.74150	.77775	.67655	.61434	.23261	.81357	.84691	.77475	.72091	.32711
.600	-4.607	.75358	.78960	.68461	.62063	.23793	.82514	.85810	.78344	.73188	.33252
.600	-4.121	.76115	.79660	.68953	.62286	.23973	.83231	.86544	.78889	.73886	.33550
.600	-3.632	.76792	.80366	.69381	.62481	.24114	.83887	.87215	.79354	.74361	.33733
.600	-3.149	.77605	.81206	.69941	.63277	.24408	.84678	.88006	.79979	.75056	.34086
.600	-2.668	.78244	.81893	.70363	.63660	.24723	.85246	.88594	.80433	.75625	.34386
.600	-2.194	.78687	.82439	.70613	.63576	.24797	.85712	.89116	.80834	.76165	.34573
.600	-1.723	.79117	.82885	.70999	.63568	.24937	.86115	.89524	.81138	.76578	.34766
.600	-1.258	.79402	.83295	.71181	.63658	.25027	.86507	.89947	.81516	.76954	.35109
.600	-.788	.79463	.83383	.71176	.63428	.24687	.86735	.90197	.81677	.76966	.35133
.600	-.317	.79594	.83639	.71170	.63407	.24687	.87036	.90588	.82047	.77212	.35587
.600	.194	.79447	.83331	.71141	.63202	.24506	.87147	.90785	.82224	.77158	.35819
.600	.719	.79118	.83312	.70868	.62773	.24101	.87106	.90811	.82259	.77021	.35840
	GRADIENT	.00758	.00869	.00493	.00169	.00106	.00891	.00963	.00758	.00768	.00506

RUN NO. 1461/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CP04
.800	-7.059	.77635	.81289	.72191	.67533	.27768	.85105	.88391	.82074	.75463	.37562
.800	-6.553	.78874	.82543	.73032	.68099	.28239	.86377	.89699	.83072	.76802	.38197
.800	-6.054	.80098	.83772	.73863	.68674	.28711	.87505	.90855	.83936	.78012	.38662
.800	-5.558	.81262	.84925	.74713	.68520	.29232	.88483	.91841	.84662	.79100	.39045
.800	-5.065	.82326	.85994	.75409	.69025	.29633	.89470	.92816	.85441	.80099	.39460
.800	-4.575	.83189	.86874	.75909	.69375	.29899	.90339	.93709	.86117	.80943	.39847
.800	-4.084	.84006	.87697	.76596	.69736	.30234	.91095	.94498	.86712	.81563	.40232
.800	-3.596	.84768	.88456	.77160	.70096	.30531	.91814	.95235	.87276	.82078	.40537
.800	-3.105	.85373	.89102	.77503	.70726	.30713	.92395	.95836	.87723	.82608	.40756
.800	-2.618	.85956	.89760	.77905	.70906	.30907	.92945	.96426	.88198	.83197	.40991
.800	-2.140	.86387	.90280	.78114	.70849	.31063	.93331	.96865	.88514	.83639	.41197
.800	-1.664	.86760	.90721	.78560	.70909	.31113	.93694	.97272	.88830	.84061	.41349
.800	-1.187	.87019	.91089	.78633	.70915	.31115	.93984	.97591	.89096	.84308	.41540
.800	-.709	.87183	.91319	.78836	.70879	.31056	.94255	.97913	.89378	.84469	.41785
.800	-.234	.87270	.91522	.78838	.70823	.30994	.94472	.98173	.89614	.84495	.42058
.800	-.278	.87165	.91230	.78837	.70672	.30847	.94542	.98318	.89735	.84457	.42225
.800	.798	.87005	.91431	.78785	.70433	.30704	.94525	.98376	.89817	.84399	.42352
	GRADIENT	.00724	.00857	.00525	.00187	.00144	.00782	.00869	.00689	.00677	.00455

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(SCM045) (03 OCT 91)

PARAMETRIC DATA

BETA = -2.000 PHI = 180.000

RUN NO. 1495/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
.900	.83778	.87230	.78270	.73617	.34484	.90829	.94010	.87713	.82574	.43926	
.900	.85021	.88512	.79128	.74217	.34985	.92143	.95354	.88737	.83619	.44544	
.900	.86066	.89573	.79791	.74573	.35378	.93058	.96328	.89444	.84796	.44880	
.900	.87165	.90688	.80612	.74533	.35853	.94131	.97417	.90307	.85662	.45433	
.900	.88136	.91697	.81298	.75024	.36234	.94950	.98282	.90952	.86465	.45748	
.900	.88938	.92513	.81792	.75324	.36495	.95749	.99101	.91596	.87109	.46115	
.900	.89785	.93384	.82534	.75727	.36858	.96529	.99895	.92217	.87504	.46476	
.900	.90330	.93923	.82861	.75951	.36983	.97008	1.00424	.92577	.88077	.46638	
.900	.91016	.94659	.83305	.76623	.37237	.97608	1.01067	.93062	.88077	.46855	
.900	.91514	.95239	.83662	.76563	.37412	.98120	1.01589	.93473	.88601	.47096	
.900	.91893	.95717	.83902	.76661	.37541	.98472	1.01991	.93772	.89030	.47229	
.900	.92233	.96144	.84193	.76718	.37584	.98834	1.02402	.94097	.89476	.47425	
.900	.92530	.96531	.84410	.76741	.37601	.99172	1.02774	.94418	.89753	.47619	
.899	.92641	.96723	.84497	.76674	.37496	.99388	1.03034	.94613	.89836	.47803	
.900	.92717	.96905	.84526	.76619	.37452	.99572	1.03269	.94845	.89855	.48054	
.900	.92578	.96607	.84485	.76429	.37249	.99643	1.03421	.94971	.89818	.48217	
.900	.92475	.96769	.84457	.76260	.37130	.99671	1.03508	.95091	.89790	.48372	
	.00666	.00803	.00484	.00160	.00113	.00733	.00823	.00650	.00650	.00411	

RUN NO. 1478/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.102	.98845	1.02039	.93539	.89038	.53509	1.05553	1.08582	1.02691	1.02691	.96719	.62609
1.101	.99933	1.03120	.94277	.89568	.53858	1.06717	1.09736	1.03580	1.03580	.97828	.63112
1.100	1.00837	1.04055	.94815	.89541	.54168	1.07643	1.10644	1.04250	1.04250	.98808	.63441
1.100	1.01736	1.05014	.95459	.89743	.54496	1.08445	1.11502	1.04859	1.04859	.99700	.63753
1.100	1.02638	1.05958	.96148	.90190	.54862	1.09243	1.12369	1.05535	1.05535	1.00592	.64113
1.100	1.03345	1.06694	.96580	.90485	.55135	1.09807	1.12973	1.05966	1.05966	1.01152	.64301
1.100	1.04015	1.07393	.97158	.90742	.55348	1.10438	1.13653	1.06477	1.06477	1.01699	.64574
1.100	1.04577	1.08008	.97551	.91172	.55531	1.10934	1.14184	1.06865	1.06865	1.02105	.64756
1.100	1.05229	1.08700	.97899	.91589	.55795	1.11557	1.14841	1.07383	1.07383	1.02743	.65089
1.100	1.05632	1.09202	.98308	.91703	.55909	1.11908	1.15240	1.07686	1.07686	1.03176	.65182
1.100	1.06008	1.09655	.98605	.91717	.56066	1.12223	1.15589	1.07942	1.07942	1.03583	.65312
1.100	1.06370	1.10117	.98872	.91806	.56156	1.12550	1.15967	1.08244	1.08244	1.03940	.65446
1.100	1.06573	1.10394	.99065	.91818	.56165	1.12730	1.16194	1.08411	1.08411	1.04030	.65520
1.100	1.06764	1.10658	.99238	.91849	.56176	1.12911	1.16404	1.08577	1.08577	1.04057	.65644
1.100	1.06827	1.10742	.99317	.91822	.56146	1.13020	1.16559	1.08708	1.08708	1.03974	.65749
1.100	1.06757	1.10601	.99348	.91740	.56073	1.12979	1.16596	1.08740	1.08740	1.03873	.65809
1.100	1.06664	1.10937	.99424	.91629	.56023	1.12903	1.16594	1.08748	1.08748	1.03771	.65833
	.915	.00771	.00516	.00198	.00166	.00576	.00667	.00514	.00514	.00504	.00276

GRADIENT

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(SCM045) (03 OCT 91)

PARAMETRIC DATA

BETA = -2.000 PHI = 180.000

RUN NO. 1518/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CPO4
1.250	-7.049	1.06062	1.09640	1.00588	1.96023	.60265	1.12690	1.16028	1.09693	1.03535	.68724
1.250	-6.539	1.06966	1.10592	1.01220	.96341	.60543	1.13564	1.16962	1.10356	1.04529	.69046
1.250	-6.042	1.07878	1.11582	1.01847	.96150	.60874	1.14483	1.17907	1.11061	1.05532	.69422
1.250	-5.546	1.08894	1.12657	1.02597	.96675	.61316	1.15449	1.18874	1.11814	1.06533	.69866
1.250	-5.047	1.09590	1.13378	1.03064	.96955	.61555	1.15992	1.19425	1.12219	1.07163	.70022
1.249	-4.558	1.10202	1.14026	1.03514	.97161	.61739	1.16596	1.20112	1.12753	1.07833	.70319
1.250	-4.063	1.11024	1.14844	1.04172	.97598	.62133	1.17279	1.20824	1.13324	1.08436	.70640
1.250	-3.575	1.11463	1.15351	1.04316	.97934	.62242	1.17670	1.21302	1.13659	1.08821	.70781
1.250	-3.082	1.12020	1.15974	1.04749	.98255	.62453	1.18180	1.21861	1.14072	1.09338	.70986
1.250	-2.598	1.12521	1.16562	1.05207	.98505	.62673	1.18675	1.22415	1.14512	1.09877	.71256
1.250	-2.112	1.12862	1.16989	1.05439	.98460	.62729	1.19008	1.22801	1.14784	1.10284	.71373
1.250	-1.636	1.13208	1.17425	1.05681	.98450	.62801	1.19344	1.23158	1.15051	1.10599	.71495
1.250	-1.157	1.13343	1.17668	1.05831	.98414	.62777	1.19541	1.23405	1.15244	1.10722	.71617
1.250	-.678	1.13499	1.17947	1.05968	.98416	.62754	1.19785	1.23686	1.15465	1.10775	.71791
1.250	-.201	1.13550	1.18040	1.06065	.98375	.62736	1.19945	1.23892	1.15645	1.10770	.71992
1.249	.313	1.13452	1.17889	1.06078	.98241	.62579	1.20001	1.24012	1.15737	1.10721	.72098
1.250	.830	1.13341	1.18034	1.06058	.98055	.62450	1.19954	1.24020	1.15762	1.10632	.72156
	GRADIENT	.00583	.00747	.00471	.00138	.00123	.00634	.00735	.00561	.00539	.00338

RUN NO. 1534/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CPO4
1.400	-7.044	1.07693	1.12820	1.02549	.97529	.61580	1.14728	1.19355	1.12203	1.06032	.70204
1.400	-6.539	1.08696	1.13937	1.03214	.97612	.61935	1.15726	1.20447	1.13023	1.07221	.70615
1.400	-6.036	1.09539	1.14914	1.03875	.97864	.62288	1.16631	1.21427	1.13756	1.08250	.71058
1.400	-5.541	1.10295	1.15786	1.04428	.98213	.62573	1.17304	1.22199	1.14330	1.09103	.71314
1.400	-5.046	1.11072	1.16672	1.04920	.98578	.62844	1.18028	1.23004	1.14927	1.09963	.71592
1.400	-4.554	1.11789	1.17503	1.05519	.98720	.63123	1.18667	1.23747	1.15498	1.10601	.71865
1.400	-4.058	1.12399	1.18143	1.05889	.99164	.63294	1.19229	1.24369	1.15990	1.11098	.72091
1.399	-3.570	1.12941	1.18776	1.06304	.99570	.63425	1.19768	1.24993	1.16438	1.11609	.72286
1.400	-3.074	1.13443	1.19350	1.06587	.99792	.63587	1.20225	1.25484	1.16803	1.12098	.72500
1.400	-2.590	1.13874	1.19884	1.06983	.99833	.63709	1.20610	1.25931	1.17115	1.12501	.72641
1.400	-2.108	1.14328	1.20493	1.07426	.99967	.63928	1.20988	1.26412	1.17525	1.13007	.72881
1.400	-1.621	1.14479	1.20760	1.07540	.99872	.63877	1.21157	1.26690	1.17754	1.13230	.72924
1.400	-1.143	1.14772	1.21146	1.07851	.99946	.63935	1.21534	1.27184	1.18162	1.13493	.73151
1.400	-.662	1.14763	1.21294	1.07851	.99984	.63814	1.21619	1.27407	1.18314	1.13434	.73242
1.400	-.184	1.14892	1.21398	1.07999	.99743	.63792	1.21871	1.27730	1.18577	1.13531	.73469
1.400	.329	1.14809	1.21291	1.08036	.99598	.63667	1.21964	1.27885	1.18729	1.13537	.73646
1.400	.847	1.14650	1.21295	1.08019	.99393	.63516	1.21892	1.27890	1.18781	1.13457	.73710
	GRADIENT	.00546	.00732	.00485	.00075	.00086	.00607	.00788	.00621	.00549	.00343

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(SCMO45) (03 OCT 91)

PARAMETRIC DATA

BETA = -2.000 PHI = 180.000

RUN NO. 1552/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.450	-7.072	1.06937	1.13497	1.02803	.97731	.62363	1.13974	1.19589	1.12363	1.06518	.70485
1.450	-6.564	1.07703	1.14526	1.03429	.97779	.62561	1.14766	1.20610	1.13148	1.07651	.70890
1.450	-6.068	1.08497	1.15424	1.03964	.98038	.62854	1.15621	1.21579	1.13826	1.08556	.71271
1.450	-5.576	1.09221	1.16175	1.04432	.98315	.63092	1.16226	1.22227	1.14266	1.09231	.71438
1.450	-5.085	1.09823	1.16999	1.04851	.98594	.63316	1.16812	1.23107	1.14986	1.10144	.71811
1.450	-4.596	1.10714	1.18000	1.05666	.99057	.63709	1.17606	1.24042	1.15711	1.10953	.72160
1.449	-4.104	1.11208	1.18660	1.06021	.99154	.63786	1.18040	1.24654	1.16075	1.11385	.72294
1.451	-3.615	1.11872	1.19474	1.06509	.99735	.64095	1.18652	1.25467	1.16730	1.12080	.72669
1.450	-3.130	1.12316	1.20053	1.06766	.99913	.64218	1.19061	1.26001	1.17087	1.12509	.72812
1.450	-2.651	1.12564	1.20408	1.07019	.99801	.64214	1.19313	1.26358	1.17322	1.12766	.72963
1.450	-2.180	1.12920	1.20937	1.07347	.99861	.64345	1.19647	1.26845	1.17743	1.13180	.73176
1.451	-1.705	1.13213	1.21345	1.07633	.99967	.64466	1.19965	1.27351	1.18214	1.13712	.73429
1.450	-1.239	1.13301	1.21523	1.07713	.99851	.64331	1.20152	1.27740	1.18518	1.13864	.73486
1.450	-.767	1.13431	1.21772	1.07829	.99778	.64232	1.20450	1.28173	1.18802	1.13973	.73703
1.450	-.297	1.13387	1.21806	1.07877	.99601	.64059	1.20633	1.28420	1.18963	1.13988	.73903
1.450	.217	1.13292	1.21732	1.07937	.99434	.63819	1.20810	1.28633	1.19167	1.14034	.74111
1.450	.738	1.13202	1.21701	1.08000	.99288	.63652	1.20885	1.28623	1.19258	1.13998	.74223
GRADIENT		.00471	.00706	.00438	.00027	-.00001	.00616	.00890	.00692	.00595	.00393

RUN NO. 1636/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.470	-7.065	1.03667	1.11461	1.00533	.95527	.60868	1.10870	1.17981	1.10658	1.04912	.68678
1.470	-6.561	1.04320	1.12457	1.01146	.95641	.61074	1.11524	1.19028	1.11455	1.06055	.69017
1.470	-6.061	1.05191	1.13628	1.01939	.96132	.61498	1.12296	1.20113	1.12246	1.07148	.69367
1.469	-5.573	1.05780	1.14377	1.02302	.96310	.61595	1.12985	1.20946	1.12855	1.08085	.69573
1.470	-5.082	1.06508	1.15242	1.02902	.96678	.61899	1.13633	1.21698	1.13403	1.08761	.69901
1.470	-4.585	1.06990	1.15874	1.03419	.96866	.62038	1.14046	1.22272	1.13812	1.09204	.70129
1.470	-4.099	1.07614	1.16647	1.03934	.97249	.62329	1.14547	1.22930	1.14305	1.09713	.70447
1.470	-3.610	1.08105	1.17251	1.04184	.97549	.62432	1.14966	1.23445	1.14685	1.10153	.70650
1.470	-3.129	1.08604	1.17900	1.04498	.97754	.62600	1.15430	1.23989	1.15065	1.10624	.70852
1.469	-2.642	1.08900	1.18374	1.04792	.97706	.62623	1.15704	1.24218	1.15175	1.10681	.70939
1.470	-2.165	1.09145	1.18877	1.05088	.97740	.62700	1.15931	1.24483	1.15424	1.10960	.71151
1.470	-1.692	1.09419	1.19397	1.05484	.97904	.62833	1.16185	1.24939	1.15823	1.11365	.71456
1.470	-1.222	1.09517	1.19707	1.05677	.97875	.62733	1.16431	1.25330	1.16153	1.11639	.71639
1.470	-.748	1.09397	1.19779	1.05624	.97621	.62434	1.16545	1.25489	1.16245	1.11618	.71702
1.470	-.274	1.09530	1.19910	1.05843	.97612	.62285	1.16891	1.25860	1.16578	1.11807	.72046
1.470	.237	1.09430	1.19766	1.05892	.97453	.61994	1.17098	1.26068	1.16699	1.11804	.72312
1.470	.759	1.09332	1.19784	1.05991	.97371	.61830	1.17158	1.26210	1.16823	1.11779	.72484
GRADIENT		.00422	.00751	.00480	.00057	-.00049	.00571	.00724	.00560	.00486	.00429

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(SCMO45) (03 OCT 91)

PARAMETRIC DATA

BETA = -2.000 PHI = 180.000

RUN NO. 1587/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.492	-7.065	.99091	1.10878	.99706	.94563	.60276	1.06499	1.17188	1.09842	1.04464	.68443
1.492	-6.558	.99438	1.11719	1.00224	.94677	.60450	1.06831	1.18055	1.10478	1.05382	.68757
1.492	-6.061	.99784	1.12804	1.00835	.95082	.60804	1.07203	1.19148	1.11300	1.06581	.69161
1.492	-5.569	1.00021	1.13765	1.01417	.95489	.61165	1.07359	1.19958	1.11859	1.07484	.69428
1.491	-5.076	.99879	1.14467	1.01793	.95657	.61284	1.07274	1.20668	1.12358	1.08110	.69666
1.491	-4.586	.99916	1.15195	1.02267	.95853	.61471	1.07303	1.21335	1.12857	1.08641	.69900
1.491	-4.094	.99906	1.15949	1.02667	.96145	.61662	1.07255	1.21940	1.13250	1.09041	.70024
1.491	-3.601	.99932	1.16725	1.03011	.96483	.61865	1.07222	1.22557	1.13650	1.09462	.70193
1.491	-3.117	.99705	1.17349	1.03367	.96552	.61957	1.07041	1.23047	1.13962	1.09706	.70349
1.491	-2.637	.99473	1.18012	1.03817	.96707	.62094	1.06851	1.23506	1.14282	1.09998	.70504
1.492	-2.156	.98969	1.18516	1.04186	.96821	.62150	1.06459	1.23872	1.14600	1.10339	.70640
1.492	-1.682	.98633	1.18928	1.04442	.96838	.62144	1.06281	1.24192	1.14838	1.10576	.70790
1.492	-1.208	.98541	1.19277	1.04649	.96841	.62092	1.06359	1.24486	1.15094	1.10778	.71017
1.491	-.736	.98138	1.19402	1.04707	.96706	.61932	1.06218	1.24661	1.15254	1.10840	.71146
1.492	-.260	.98351	1.19418	1.04871	.96682	.61877	1.06665	1.25005	1.15578	1.11005	.71464
1.492	.251	.98093	1.19233	1.04869	.96483	.61639	1.06804	1.25223	1.15750	1.11016	.71673
1.492	.775	.98335	1.19135	1.04921	.96343	.61523	1.07229	1.25384	1.15861	1.10963	.71822
GRADIENT		-.00403	.00768	.00517	.00079	.00002	-.00104	.00742	.00566	.00451	.00366

RUN NO. 1603/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.516	-7.071	.88878	1.10910	.99788	.94848	.60465	.97336	1.17249	1.09957	1.04765	.68621
1.516	-6.562	.88361	1.11999	1.00464	.95163	.60859	.96783	1.18229	1.10664	1.05749	.68971
1.516	-6.066	.87222	1.12934	1.00954	.95445	.61122	.95667	1.19106	1.11313	1.06724	.69252
1.515	-5.568	.86814	1.13810	1.01242	.95633	.61265	.95259	1.19953	1.11908	1.07640	.69498
1.515	-5.071	.86797	1.14805	1.01851	.95903	.61527	.95043	1.20867	1.12500	1.08363	.69765
1.515	-4.585	.86735	1.15603	1.02151	.96133	.61689	.94827	1.21514	1.12897	1.08807	.69922
1.515	-4.089	.85968	1.16382	1.02427	.96360	.61893	.94086	1.22166	1.13351	1.09211	.70138
1.515	-3.602	.84826	1.17137	1.02816	.96453	.62061	.93104	1.22821	1.13852	1.09650	.70375
1.515	-3.119	.83717	1.17857	1.03153	.96506	.62123	.92188	1.23563	1.14389	1.10134	.70557
1.515	-2.633	.82993	1.18619	1.03508	.96578	.62207	.91561	1.24211	1.14883	1.10662	.70710
1.515	-2.156	.82353	1.19393	1.03921	.96692	.62309	.90944	1.24922	1.15357	1.11133	.70909
1.515	-1.685	.82000	1.20050	1.04160	.96682	.62325	.90732	1.25441	1.15672	1.11425	.71029
1.515	-1.211	.81694	1.20444	1.04375	.96637	.62271	.90568	1.25848	1.15976	1.11640	.71153
1.514	-.736	.81452	1.20525	1.04499	.96489	.62133	.90405	1.26145	1.16184	1.11690	.71254
1.514	-.261	.81344	1.20284	1.04586	.96389	.62004	.90550	1.26424	1.16403	1.11748	.71472
1.514	.251	.81535	1.19730	1.04581	.96242	.61899	.91084	1.26717	1.16665	1.11843	.71793
1.515	.775	.81671	1.19591	1.04549	.96044	.61793	.91388	1.26869	1.16811	1.11830	.71977
GRADIENT		-.00980	.00834	.00490	-.00018	.00007	-.00685	.01038	.00748	.00598	.00363

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(SCM046) (03 OCT 91)

PARAMETRIC DATA

BETA = -1.500 PHI = 180.000

RUN NO. 1572/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
.599	-7.062	.70094	.73965	.65500	.60959	.22719	.75399	.78929	.72723	.65910	.29138
.599	-6.552	.71718	.75528	.66609	.61787	.23343	.76365	.80466	.73918	.67509	.29886
.600	-6.061	.72922	.76654	.67381	.62140	.23792	.78112	.81537	.74706	.68657	.30349
.600	-5.564	.74176	.77837	.68190	.62333	.24314	.79223	.82579	.75495	.69897	.30807
.600	-5.069	.75208	.78875	.68870	.62748	.24697	.80190	.83562	.76226	.70900	.31201
.600	-4.578	.76270	.79922	.69568	.63218	.25151	.81194	.84532	.76939	.71865	.31641
.600	-4.089	.77094	.80789	.70201	.63525	.25288	.82103	.85416	.77604	.72600	.31948
.600	-3.601	.78144	.81855	.71006	.64139	.25796	.83084	.86446	.78434	.73442	.32475
.600	-3.115	.78815	.82543	.71525	.64861	.26090	.83652	.87030	.78870	.73973	.32729
.600	-2.635	.79350	.83100	.71757	.65067	.26137	.84151	.87516	.79191	.74421	.32774
.600	-2.160	.79910	.83687	.72211	.65234	.26422	.84678	.88042	.79609	.74954	.33121
.599	-1.691	.80294	.84176	.72380	.65037	.26389	.85120	.88558	.80042	.75448	.33299
.600	-1.231	.80641	.84523	.72652	.65072	.26465	.85480	.88910	.80323	.75720	.33515
.600	-.778	.80657	.84603	.72607	.64902	.26318	.85615	.89109	.80493	.75808	.33718
.600	-.323	.80717	.84803	.72554	.64748	.26066	.86030	.89524	.80895	.76006	.34068
.600	.189	.80427	.84451	.72374	.64443	.25849	.86153	.89722	.81103	.76057	.34432
.600	.726	.80285	.84629	.72311	.64182	.25585	.86322	.89984	.81366	.76117	.34645
	GRADIENT	.00776	.00885	.00506	.00171	.00102	.00938	.00995	.00804	.00804	.00543

RUN NO. 1462/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
.800	-7.047	.78782	.82495	.73598	.68824	.29273	.84053	.87410	.80984	.74360	.36135
.800	-6.538	.80043	.83762	.74405	.69314	.29717	.85359	.88730	.81973	.75704	.36752
.800	-6.044	.81241	.84959	.75178	.69596	.30186	.86483	.89882	.82834	.76959	.37250
.800	-5.543	.82374	.86102	.75999	.70040	.30672	.87491	.90908	.83587	.78097	.37685
.800	-5.050	.83388	.87118	.76679	.70289	.30969	.88488	.91913	.84352	.79088	.38073
.800	-4.560	.84307	.88040	.77236	.70566	.31328	.89318	.92756	.85001	.79906	.38453
.800	-4.061	.85134	.88866	.77962	.71070	.31702	.90139	.93549	.85628	.80489	.38810
.800	-3.571	.85831	.89613	.78455	.71445	.31916	.90845	.94281	.86184	.81050	.39103
.800	-3.084	.86462	.90287	.78898	.72113	.32180	.91444	.94908	.86654	.81604	.39367
.800	-2.598	.86985	.90879	.79241	.72429	.32377	.91894	.95398	.87004	.82056	.39536
.800	-2.115	.87488	.91481	.79648	.72283	.32570	.92381	.95940	.87434	.82554	.39774
.800	-1.639	.87875	.91900	.79894	.72322	.32637	.92734	.96287	.87727	.82916	.39935
.800	-1.172	.88139	.92198	.80081	.72204	.32652	.92991	.96569	.87946	.83148	.40071
.800	-.707	.88299	.92475	.80178	.72253	.32540	.93278	.96899	.88222	.83283	.40265
.800	-.240	.88307	.92568	.80136	.72112	.32396	.93466	.97137	.88459	.83324	.40555
.800	.271	.88167	.92408	.80117	.71939	.32222	.93704	.97439	.88742	.83433	.40876
.800	.804	.87959	.92510	.80013	.71641	.31970	.93630	.97463	.88800	.83342	.40965
	GRADIENT	.00709	.00848	.00514	.00171	.00129	.00802	.00874	.00701	.00669	.00454

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(SCMO46) (03 OCT 91)

PARAMETRIC DATA

BETA = -1.500 PHI = 180.000

RUN NO. 1496/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
.900	.84868	.88409	.79528	.74755	.35891	.89945	.93208	.86775	.80260	.42627	
.900	-6.537	.89657	.80440	.75386	.36421	.91068	.94345	.87630	.81437	.43117	
.900	-6.041	.87203	.81133	.75478	.36800	.92212	.95510	.88489	.82694	.43611	
.900	-5.549	.88254	.81887	.76007	.37234	.93183	.96512	.89265	.83774	.44077	
.900	-5.050	.89200	.82824	.76299	.37599	.93982	.97344	.89860	.84629	.44347	
.900	-4.558	.90024	.83665	.76567	.37897	.94722	.98126	.90450	.85356	.44665	
.900	-4.063	.90755	.84385	.76873	.38168	.95466	.98871	.91027	.85960	.45022	
.900	-3.572	.91435	.84214	.77341	.38434	.96147	.99566	.91578	.86530	.45296	
.900	-3.081	.92022	.84577	.77910	.38679	.96663	1.00121	.91977	.87057	.45487	
.900	-2.598	.92558	.84972	.78022	.38853	.97204	1.00677	.92402	.87625	.45696	
.900	-2.120	.92955	.85257	.78171	.38942	.97557	1.01085	.92713	.88032	.45823	
.900	-1.646	.93316	.85529	.78057	.39042	.97944	1.01492	.93043	.88426	.46052	
.900	-1.179	.93536	.85751	.78034	.39026	.98178	1.01760	.93262	.88626	.46174	
.900	-.715	.93716	.85810	.78022	.39010	.98476	1.02066	.93531	.88736	.46424	
.900	-.252	.93714	.85781	.77880	.38812	.98664	1.02312	.93762	.88764	.46650	
.900	.258	.93576	.85749	.77704	.38631	.98820	1.02560	.94002	.88828	.46919	
.900	.790	.93413	.85702	.77462	.38440	.98822	1.02652	.94115	.88802	.47076	
GRADIENT		.00657	.00487	.00158	.00110	.00766	.00841	.00677	.00663	.00432	

RUN NO. 1479/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.099	.99883	1.03062	.94641	.90137	.54693	1.04784	1.07787	1.01762	.95731	.61356	
1.100	-6.508	1.00861	.95344	.90509	.55042	1.05842	1.08879	1.02594	.96864	.61847	
1.100	-6.010	1.01857	.96055	.90586	.55480	1.06719	1.09770	1.03243	.97814	.62162	
1.100	-5.508	1.02710	.96649	.90979	.55796	1.07543	1.10621	1.03886	.98720	.62503	
1.100	-5.015	1.03537	.97253	.91346	.56111	1.08293	1.11447	1.04503	.99583	.62839	
1.100	-4.511	1.04242	.97720	.91569	.56325	1.08986	1.12165	1.05030	1.00261	.63118	
1.100	-4.020	1.04924	.98289	.91838	.56564	1.09620	1.12839	1.05551	1.00790	.63422	
1.100	-3.523	1.05519	.98733	.92375	.56809	1.10146	1.13411	1.05972	1.01259	.63615	
1.100	-3.028	1.06129	.99210	.92770	.57068	1.10664	1.13977	1.06385	1.01797	.63822	
1.100	-2.529	1.06597	.99464	.93044	.57217	1.11112	1.14437	1.06746	1.02303	.64013	
1.099	-2.044	1.06959	.99786	.92917	.57308	1.11411	1.14791	1.07011	1.02668	.64119	
1.100	-1.555	1.07321	.99887	.92979	.57449	1.11738	1.15150	1.07287	1.02985	.64270	
1.100	-1.069	1.07502	1.00250	.92970	.57431	1.11916	1.15358	1.07435	1.03036	.64318	
1.100	-.589	1.07635	1.00339	.92983	.57446	1.12083	1.15559	1.07585	1.03020	.64426	
1.100	-.115	1.07693	1.00437	.92938	.57384	1.12183	1.15685	1.07699	1.02951	.64502	
1.100	.393	1.07651	1.00496	.92897	.57337	1.12232	1.15818	1.07836	1.02977	.64669	
1.100	.911	1.07516	1.00513	.92707	.57228	1.12122	1.15769	1.07797	1.02830	.64675	
GRADIENT		.00616	.00769	.00192	.00168	.00586	.00666	.00509	.00488	.00276	

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(SCMO46) (03 OCT 91)

PARAMETRIC DATA

BETA = -1.500 PHI = 180.000													
GRADIENT INTERVAL = -5.00/ 5.00													
RUN NO.	1519/ O	CPR	CPC7	CPC8	CPC9	CP03	CPL	CPC10	CPC11	CPC12	CPO4		
1.250	1.07011	1.10634	1.01699	.97049	.61427	1.11730	1.15115	1.08662	1.02511	1.02511	1.02511	1.02511	1.02511
1.250	1.07966	1.11676	1.02393	.97361	.61795	1.12679	1.16125	1.09393	1.03643	1.03643	1.03643	1.03643	1.03643
1.250	1.08916	1.12692	1.03072	.97526	.62127	1.13634	1.17091	1.10120	1.04676	1.04676	1.04676	1.04676	1.04676
1.250	1.09780	1.13589	1.03694	.97757	.62454	1.14472	1.17944	1.10769	1.05582	1.05582	1.05582	1.05582	1.05582
1.250	1.10520	1.14350	1.04170	.98072	.62746	1.15136	1.18645	1.11298	1.06361	1.06361	1.06361	1.06361	1.06361
1.250	1.11239	1.15100	1.04766	.98402	.63072	1.15727	1.19279	1.11791	1.06953	1.06953	1.06953	1.06953	1.06953
1.250	1.11869	1.15783	1.05197	.98689	.63316	1.16328	1.19932	1.12302	1.07494	1.07494	1.07494	1.07494	1.07494
1.250	1.12465	1.16430	1.05597	.99163	.63512	1.16888	1.20544	1.12769	1.08006	1.08006	1.08006	1.08006	1.08006
1.250	1.13013	1.17034	1.06009	.99554	.63745	1.17344	1.21026	1.13110	1.08456	1.08456	1.08456	1.08456	1.08456
1.250	1.13459	1.17549	1.06343	.99699	.63919	1.17771	1.21497	1.13458	1.08940	1.08940	1.08940	1.08940	1.08940
1.250	1.13803	1.17999	1.06646	.99627	.64012	1.18136	1.21922	1.13783	1.09325	1.09325	1.09325	1.09325	1.09325
1.249	1.14113	1.18405	1.06874	.99575	.64035	1.18447	1.22260	1.14023	1.09542	1.09542	1.09542	1.09542	1.09542
1.250	1.14314	1.18686	1.07031	.99593	.64059	1.18690	1.22531	1.14242	1.09690	1.09690	1.09690	1.09690	1.09690
1.250	1.14504	1.19000	1.07191	.99621	.64064	1.18982	1.22840	1.14484	1.09747	1.09747	1.09747	1.09747	1.09747
1.250	1.14441	1.19005	1.07213	.99482	.63933	1.19075	1.22999	1.14615	1.09731	1.09731	1.09731	1.09731	1.09731
1.250	1.14336	1.18955	1.07209	.99349	.63779	1.19217	1.23201	1.14795	1.09794	1.09794	1.09794	1.09794	1.09794
1.250	1.14250	1.19070	1.07239	.99219	.63651	1.19235	1.23254	1.14881	1.09763	1.09763	1.09763	1.09763	1.09763
GRADIENT	.00574	.00750	.00468	.00124	.00112	.00658	.00742	.00569	.00524	.00524	.00524	.00524	.00524

GRADIENT INTERVAL = -5.00/ 5.00													
RUN NO.	1535/ O	CPR	CPC7	CPC8	CPC9	CP03	CPL	CPC10	CPC11	CPC12	CPO4		
1.400	1.08808	1.13983	1.03812	.98766	.62842	1.13748	1.18422	1.11167	1.05136	1.05136	1.05136	1.05136	1.05136
1.400	1.09641	1.14987	1.04398	.98671	.63113	1.14685	1.19510	1.11969	1.06310	1.06310	1.06310	1.06310	1.06310
1.400	1.10610	1.16025	1.05115	.99199	.63539	1.15585	1.20437	1.12652	1.07265	1.07265	1.07265	1.07265	1.07265
1.400	1.11307	1.16884	1.05702	.99458	.63800	1.16235	1.21201	1.13205	1.08143	1.08143	1.08143	1.08143	1.08143
1.400	1.12156	1.17840	1.06250	.99829	.64114	1.17119	1.22166	1.13972	1.09144	1.09144	1.09144	1.09144	1.09144
1.400	1.12736	1.18489	1.06688	1.00036	.64270	1.17646	1.22785	1.14405	1.09629	1.09629	1.09629	1.09629	1.09629
1.400	1.13455	1.19274	1.07298	1.00427	.64535	1.18299	1.23507	1.14954	1.10213	1.10213	1.10213	1.10213	1.10213
1.400	1.13921	1.19846	1.07602	1.00834	.64670	1.18663	1.23991	1.15270	1.10597	1.10597	1.10597	1.10597	1.10597
1.400	1.14566	1.20546	1.07956	1.01076	.64916	1.19241	1.24589	1.15779	1.11167	1.11167	1.11167	1.11167	1.11167
1.400	1.14977	1.21032	1.08294	1.01126	.65043	1.19624	1.24979	1.16059	1.11512	1.11512	1.11512	1.11512	1.11512
1.400	1.15278	1.21475	1.08613	1.01170	.65118	1.19949	1.25400	1.16381	1.11848	1.11848	1.11848	1.11848	1.11848
1.400	1.15589	1.21861	1.08869	1.01133	.65185	1.20282	1.25840	1.16749	1.12141	1.12141	1.12141	1.12141	1.12141
1.400	1.15661	1.22034	1.08906	1.01005	.65075	1.20436	1.26108	1.16910	1.12406	1.12406	1.12406	1.12406	1.12406
1.400	1.15853	1.22363	1.09084	1.01021	.65052	1.20766	1.26524	1.17245	1.12464	1.12464	1.12464	1.12464	1.12464
1.400	1.15858	1.22401	1.09138	1.00898	.64973	1.20924	1.26727	1.17419	1.12539	1.12539	1.12539	1.12539	1.12539
1.399	1.15782	1.22367	1.09170	1.00741	.64838	1.21067	1.26950	1.17646	1.12532	1.12532	1.12532	1.12532	1.12532
1.400	1.15645	1.22360	1.09166	1.00542	.64696	1.21072	1.27033	1.17765	.00623	.00623	.00623	.00623	.00623
GRADIENT	.00542	.00726	.00451	.00060	.00075	.00640	.00795	.00569	.00524	.00524	.00524	.00524	.00524

IA310 (AEDC 16TF-783) PROBE CALIBRATION (SCM046) (03 OCT 91)

PARAMETRIC DATA

BETA = -1.500 PHI = 180.000

RUN NO. 1553/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CPC04
1.450	-7.050	1.07994	1.14624	1.04006	.98821	.63456	1.12940	1.18752	1.11403	1.05743	.69309
1.450	-6.544	1.08787	1.15639	1.04640	.99040	.63790	1.13634	1.19677	1.12016	1.06683	.69563
1.450	-6.052	1.09608	1.16525	1.05217	.99218	.64129	1.14465	1.20527	1.12661	1.07565	.69906
1.450	-5.558	1.10345	1.17364	1.05762	.99535	.64395	1.15219	1.21379	1.13312	1.08478	.70291
1.450	-5.064	1.10972	1.18206	1.06214	.99821	.64609	1.15805	1.22210	1.13953	1.09255	.70562
1.450	-4.572	1.11770	1.19165	1.06944	1.00207	.64930	1.16521	1.23084	1.14608	1.09973	.70870
1.450	-4.076	1.12334	1.19853	1.07381	1.00466	.65053	1.17075	1.23808	1.15147	1.10518	.71103
1.450	-3.587	1.12844	1.20479	1.07638	1.00876	.65260	1.17536	1.24451	1.15641	1.11008	.71328
1.450	-3.103	1.13362	1.21101	1.07957	1.01047	.65443	1.17934	1.24951	1.15954	1.11351	.71442
1.450	-2.622	1.13631	1.21519	1.08249	1.01022	.65535	1.18144	1.25351	1.16182	1.11651	.71613
1.450	-2.142	1.14003	1.21967	1.08577	1.01061	.65647	1.18595	1.25892	1.16623	1.12092	.71878
1.450	-1.677	1.14258	1.22379	1.08859	1.01127	.65721	1.18864	1.26413	1.17094	1.12535	.72052
1.450	-1.213	1.14508	1.22695	1.09030	1.01124	.65723	1.19278	1.26953	1.17413	1.12737	.72197
1.450	-.759	1.14578	1.22850	1.09026	1.00955	.65517	1.19563	1.27238	1.17552	1.12714	.72311
1.450	-.304	1.14545	1.22897	1.09091	1.00814	.65346	1.19822	1.27494	1.17747	1.12813	.72628
1.450	.206	1.14423	1.22888	1.09168	1.00655	.65056	1.20068	1.27783	1.18029	1.12963	.72899
1.450	.745	1.14129	1.22757	1.09148	1.00437	.64794	1.19980	1.27768	1.18155	1.12934	.73010
	GRADIENT	.00481	.00707	.00429	.00028	.00001	.00680	.00918	.00673	.00570	.00404

RUN NO. 1637/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CPC04
1.469	-7.049	1.04678	1.12641	1.01803	.96720	.62067	1.09617	1.16968	1.09518	1.03944	.67317
1.470	-6.543	1.05503	1.13723	1.02536	.97036	.62364	1.10492	1.18166	1.10446	1.05219	.67805
1.469	-6.046	1.06174	1.14676	1.03169	.97229	.62553	1.11167	1.19179	1.11159	1.06281	.68058
1.470	-5.553	1.07088	1.15730	1.03826	.97717	.62979	1.12028	1.20163	1.11899	1.07308	.68430
1.470	-5.062	1.07654	1.16430	1.04314	.97982	.63182	1.12524	1.20749	1.12349	1.07850	.68642
1.470	-4.564	1.08155	1.17072	1.04822	.98176	.63317	1.13019	1.21390	1.12809	1.08334	.68889
1.469	-4.074	1.08681	1.17713	1.05166	.98436	.63458	1.13474	1.21942	1.13201	1.08725	.69094
1.469	-3.584	1.09318	1.18453	1.05567	.98886	.63737	1.13962	1.22539	1.13664	1.09190	.69382
1.470	-3.097	1.09850	1.19192	1.05991	.99126	.63991	1.14476	1.23154	1.14127	1.09664	.69705
1.470	-2.615	1.10111	1.19712	1.06285	.99151	.64075	1.14632	1.23290	1.14158	1.09722	.69744
1.469	-2.134	1.10168	1.19948	1.06406	.99023	.63993	1.14734	1.23490	1.14316	1.09882	.69830
1.469	-1.666	1.10391	1.20328	1.06698	.99070	.64025	1.15020	1.23889	1.14648	1.10202	.70062
1.470	-1.202	1.10604	1.20750	1.07005	.99170	.64089	1.15357	1.24325	1.15017	1.10522	.70311
1.469	-.744	1.10464	1.20861	1.06977	.98945	.63770	1.15470	1.24596	1.15238	1.10626	.70417
1.470	-.283	1.10361	1.20829	1.06953	.98745	.63462	1.15713	1.24802	1.15391	1.10670	.70681
1.470	.229	1.10312	1.20842	1.07075	.98680	.63218	1.16044	1.25174	1.15734	1.10879	.71160
1.469	.766	1.10166	1.20727	1.07056	.98457	.62968	1.16093	1.25215	1.15788	1.10762	.71309
	GRADIENT	.00357	.00707	.00431	.00026	-.00065	.00560	.00713	.00556	.00467	.00437

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(SCMO46) (03 OCT 91)

PARAMETRIC DATA

BETA = -1.500 PHI = 180.000

RUN NO. 1588/ O		RN/L = 2.50		GRADIENT INTERVAL = -5.00/ 5.00		CPL		CPC10		CPC11		CPC12		CPO4	
MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4				
1.492	-7.051	1.00100	1.12020	1.00908	.95689	.61470	1.05146	1.16182	1.08742	1.03491	.67133				
1.492	-6.544	1.00634	1.13009	1.01602	.96112	.61787	1.05678	1.17190	1.09507	1.04589	.67552				
1.492	-6.047	1.00768	1.13972	1.02206	.96337	.62085	1.05753	1.18084	1.10128	1.05622	.67791				
1.492	-5.549	1.00868	1.14812	1.02603	.96595	.62303	1.05992	1.19030	1.10826	1.06599	.68202				
1.492	-5.053	1.00763	1.15638	1.03182	.96898	.62557	1.05860	1.19790	1.11374	1.07260	.68486				
1.492	-4.560	1.00868	1.16396	1.03707	.97148	.62776	1.05962	1.20464	1.11836	1.07759	.68716				
1.491	-4.069	1.00694	1.17066	1.03999	.97389	.62872	1.05759	1.21016	1.12201	1.08088	.68812				
1.492	-3.579	1.00675	1.17887	1.04377	.97781	.63126	1.05654	1.21609	1.12596	1.08408	.68960				
1.492	-3.091	1.00608	1.18625	1.04824	.97949	.63334	1.05531	1.22130	1.12932	1.08714	.69146				
1.492	-2.605	.99922	1.19104	1.05166	.97985	.63399	1.04923	1.22498	1.13145	1.08938	.69226				
1.492	-2.127	.99706	1.19568	1.05518	.98084	.63462	1.04832	1.22911	1.13461	1.09287	.69387				
1.492	-1.658	.99257	1.19897	1.05715	.98074	.63438	1.04540	1.23171	1.13652	1.09468	.69452				
1.492	-1.189	.98910	1.20083	1.05800	.97992	.63311	1.04328	1.23330	1.13784	1.09543	.69549				
1.492	-.729	.98897	1.20386	1.06031	.98033	.63274	1.04544	1.23687	1.14186	1.09832	.69873				
1.492	-.270	.98452	1.20386	1.06061	.97882	.63094	1.04505	1.23995	1.14477	1.09963	.70127				
1.491	.244	.98333	1.20215	1.05960	.97570	.62757	1.04857	1.24190	1.14649	1.09960	.70364				
1.492	.780	.98639	1.20238	1.06074	.97466	.62693	1.05380	1.24405	1.14837	1.09981	.70619				
	GRADIENT	-.00533	.00730	.00463	.00046	-.00020	-.00214	.00723	.00558	.00435	.00348				

RUN NO. 1604/ O		RN/L = 2.49		GRADIENT INTERVAL = -5.00/ 5.00		CPL		CPC10		CPC11		CPC12		CPO4	
MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4				
1.515	-7.051	.88914	1.11906	1.00958	.95872	.61571	.94644	1.15923	1.08529	1.03525	.67255				
1.515	-6.539	.88079	1.12868	1.01490	.96209	.61863	.93873	1.16856	1.09216	1.04506	.67536				
1.514	-6.041	.87272	1.13745	1.01944	.96271	.62021	.93184	1.17779	1.09907	1.05600	.67834				
1.514	-5.548	.86907	1.14755	1.02368	.96568	.62287	.92734	1.18742	1.10572	1.06553	.68100				
1.514	-5.057	.86987	1.15747	1.02963	.96869	.62569	.92652	1.19706	1.11194	1.07220	.68402				
1.514	-4.559	.86800	1.16625	1.03332	.97223	.62818	.92358	1.20412	1.11662	1.07645	.68612				
1.514	-4.069	.85756	1.17316	1.03491	.97342	.62917	.91411	1.20974	1.12088	1.07982	.68780				
1.514	-3.577	.84596	1.18132	1.03928	.97459	.63092	.90375	1.21683	1.12576	1.08447	.69017				
1.513	-3.091	.83444	1.18853	1.04217	.97511	.63169	.89361	1.22374	1.13036	1.08923	.69107				
1.515	-2.608	.83296	1.19851	1.04906	.97905	.63485	.89139	1.23225	1.13666	1.09548	.69393				
1.514	-2.126	.83014	1.20512	1.05242	.97954	.63513	.88875	1.23852	1.14040	1.09898	.69489				
1.514	-1.656	.82674	1.21155	1.05521	.97956	.63508	.88566	1.24417	1.14406	1.10208	.69675				
1.514	-1.192	.82602	1.21535	1.05735	.97902	.63448	.88497	1.24782	1.14630	1.10344	.69751				
1.514	-.731	.82411	1.21696	1.05906	.97837	.63358	.88439	1.25188	1.14921	1.10476	.69918				
1.514	-.269	.82399	1.21525	1.05947	.97661	.63192	.88768	1.25515	1.15161	1.10571	.70187				
1.514	.244	.82487	1.20874	1.05783	.97334	.62992	.89113	1.25796	1.15424	1.10666	.70516				
1.514	.777	.82809	1.20778	1.05729	.97109	.62914	.89657	1.25955	1.15622	1.10705	.70700				
	GRADIENT	-.00702	.00884	.00527	.00012	.00024	-.00499	.01097	.00761	.00606	.00380				

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(SCM046) (03 OCT 91)

PARAMETRIC DATA

BETA = -1.500 PHI = 180.000

RUN NO. 1619/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CP03	CPL	CPC10	CPC11	CPC12	CP04
1.542	-7.046	.71838	1.12186	1.00464	.95615	.61257	.78279	1.16427	1.08708	1.03926	.67452
1.543	-6.539	.72071	1.13387	1.00708	.95916	.61566	.78175	1.17538	1.09498	1.05028	.67834
1.542	-6.048	.72269	1.14567	1.01110	.96197	.61763	.78221	1.18459	1.10151	1.05701	.68097
1.542	-5.548	.72579	1.15787	1.01594	.96449	.62006	.78506	1.19488	1.10810	1.06412	.68414
1.542	-5.058	.73013	1.17150	1.02165	.96683	.62270	.78916	1.20582	1.11440	1.07138	.68705
1.542	-4.560	.73571	1.18434	1.02641	.96794	.62380	.79407	1.21590	1.11902	1.07688	.68864
1.541	-4.070	.74838	1.19956	1.03310	.97040	.62608	.80439	1.22876	1.12483	1.08320	.69088
1.542	-3.579	.77355	1.21871	1.04174	.97416	.62837	.82576	1.24553	1.13041	1.08904	.69291
1.541	-3.091	.82228	1.23923	1.05293	.97892	.63019	.87020	1.27348	1.13623	1.09503	.69425
1.541	-2.604	.85890	1.22080	1.06052	.98068	.63145	.90414	1.29066	1.14146	1.09848	.69455
1.541	-2.126	.87922	1.18824	1.06687	.98270	.63301	.92389	1.28855	1.14699	1.10180	.69634
1.541	-1.657	.89441	1.15863	1.07130	.98443	.63442	.93972	1.28263	1.15226	1.10513	.69846
1.541	-1.191	.90634	1.13169	1.07284	.98432	.63482	.95080	1.27494	1.15571	1.10649	.69920
1.541	-.729	.91611	1.11156	1.07279	.98392	.63539	.96083	1.26865	1.15961	1.10800	.70069
1.541	-.268	.92394	1.10072	1.07106	.98250	.63643	.97059	1.27143	1.16425	1.11060	.70480
1.541	.244	.92894	1.09094	1.06710	.97863	.63541	.97786	1.27409	1.16754	1.11198	.70770
1.541	.779	.93005	1.08835	1.06467	.97458	.63267	.97978	1.27516	1.16775	1.11056	.70747
1.541	GRADIENT	.03965	-.02752	.00781	.00177	.00200	.03808	.00854	.00963	.00636	.00357

IA310 (AEDC 16TF-783) TABULATED DATA
 IA310 (AEDC 16TF-783) PROBE CALIBRATION

(SCMO47) (03 OCT 91)

PARAMETRIC DATA

BETA = -1.000 PHI = 180.000

RUN NO. 1573/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CPO4
.601	-7.040	.71449	.75320	.66995	.62390	.24379	.74575	.78149	.71836	.65056	.28049
.600	-6.534	.72812	.76633	.67851	.62954	.24663	.75864	.79377	.72704	.66218	.28338
.600	-6.039	.74187	.77963	.68780	.63594	.25244	.77122	.80580	.73605	.67614	.28878
.601	-5.542	.75479	.79202	.69644	.64142	.25784	.78311	.81766	.74492	.68995	.29427
.600	-5.046	.76467	.80195	.70292	.64176	.26086	.79348	.82772	.75281	.70007	.29842
.601	-4.554	.77749	.81454	.71193	.64811	.26719	.80602	.83931	.76212	.71183	.30487
.600	-4.061	.78171	.81941	.71535	.64827	.26691	.80999	.84388	.76472	.71464	.30478
.600	-3.565	.79234	.83016	.72356	.65470	.27122	.82068	.85412	.77290	.72279	.30898
.601	-3.079	.79928	.83736	.72901	.66249	.27581	.82698	.86020	.77706	.72842	.31303
.600	-2.593	.80333	.84229	.73042	.66265	.27463	.83019	.86446	.77978	.73199	.31229
.600	-2.111	.81079	.84970	.73590	.66472	.27787	.83695	.87072	.78506	.73868	.31537
.600	-1.635	.81493	.85424	.73990	.66559	.28018	.84042	.87440	.78806	.74305	.31800
.601	-1.184	.81869	.85787	.74189	.66527	.28024	.84413	.87834	.79123	.74500	.31971
.600	-.750	.81947	.85966	.74150	.66387	.27936	.84581	.88023	.79273	.74546	.32091
.601	-.330	.81745	.85857	.73894	.66045	.27524	.84851	.88335	.79571	.74713	.32457
.600	.229	.81465	.85651	.73678	.65743	.27171	.85270	.88819	.80047	.75017	.32997
.600	.751	.81259	.85681	.73595	.65457	.26958	.85375	.89034	.80328	.75105	.33343
	GRADIENT	.00744	.00855	.00491	.00156	.00100	.00916	.00965	.00773	.00774	.00526

RUN NO. 1463/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CPO4
.800	-7.034	.79930	.83685	.74852	.69964	.30675	.83072	.86497	.79903	.73239	.34707
.800	-6.520	.81238	.84982	.75777	.70595	.31210	.84334	.87752	.80866	.74561	.35295
.800	-6.027	.82439	.86218	.76572	.70841	.31661	.85447	.88871	.81696	.75908	.35724
.800	-5.527	.83538	.87292	.77329	.71361	.32132	.86509	.89937	.82487	.77067	.36256
.800	-5.033	.84564	.88325	.78052	.71673	.32465	.87442	.90912	.83215	.78023	.36625
.800	-4.537	.85411	.89177	.78572	.71987	.32809	.88308	.91774	.83865	.78816	.37018
.800	-4.040	.86209	.90015	.79243	.72347	.33114	.89160	.92638	.84547	.79461	.37452
.800	-3.545	.86937	.90786	.79790	.72856	.33429	.89830	.93301	.85032	.79956	.37691
.800	-3.053	.87563	.91480	.80258	.73485	.33701	.90478	.93944	.85549	.80544	.37965
.800	-2.562	.88103	.92087	.80601	.73702	.33901	.90970	.94457	.85942	.81003	.38153
.800	-2.078	.88585	.92619	.80913	.73702	.34070	.91382	.94902	.86283	.81446	.38349
.800	-1.602	.88980	.93059	.81260	.73701	.34170	.91712	.95269	.86574	.81803	.38514
.800	-1.135	.89273	.93381	.81437	.73694	.34189	.92017	.95605	.86832	.82010	.38650
.800	-.689	.89426	.93668	.81526	.73656	.34135	.92220	.95836	.87021	.82085	.38771
.800	-.253	.89363	.93708	.81478	.73476	.33929	.92500	.96160	.87315	.82232	.39074
.800	.258	.89128	.93535	.81336	.73179	.33636	.92788	.96527	.87673	.82445	.39517
.800	.818	.88905	.93550	.81226	.72894	.33382	.92778	.96610	.87814	.82414	.39729
	GRADIENT	.00693	.00843	.00504	.00167	.00129	.00822	.00886	.00714	.00682	.00465

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(SCM047) (03 OCT 91)

PARAMETRIC DATA

BETA = -1.000 PHI = 180.000

RUN NO. 1497/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CP04
.900	-7.028	.85952	.89537	.80797	.76000	.37326	.88978	.92247	.85691	.79120	.41244
.900	-6.518	.87131	.90743	.81636	.76549	.37727	.90149	.93447	.86584	.80414	.41750
.901	-6.023	.88317	.91938	.82459	.76824	.38302	.91274	.94588	.87477	.81739	.42343
.900	-5.527	.89351	.92992	.83170	.77116	.38650	.92211	.95558	.88177	.82741	.42676
.900	-5.031	.90275	.93926	.83812	.77555	.38947	.93061	.96447	.88837	.83658	.43024
.900	-4.534	.91098	.94777	.84374	.77856	.39315	.93844	.97257	.89445	.84429	.43391
.900	-4.040	.91782	.95502	.84927	.78148	.39554	.94520	.97961	.89974	.84968	.43668
.900	-3.545	.92496	.96261	.85489	.78706	.39866	.95208	.98652	.90504	.85540	.43966
.900	-3.052	.93086	.96927	.85922	.79238	.40078	.95798	.99276	.90971	.86124	.44189
.900	-2.564	.93542	.97476	.86212	.79440	.40260	.96236	.99711	.91299	.86569	.44340
.900	-2.081	.93983	.97973	.86571	.79418	.40398	.96638	1.00128	.91637	.86992	.44495
.900	-1.604	.94362	.98396	.86881	.79393	.40496	.96942	1.00493	.91917	.87264	.44643
.900	-1.142	.94634	.98739	.87063	.79414	.40552	.97247	1.00799	.92156	.87447	.44776
.900	-.697	.94770	.98987	.87137	.79363	.40475	.97437	1.01034	.92353	.87546	.44917
.900	-.264	.94717	.99030	.87109	.79209	.40302	.97724	1.01371	.92653	.87682	.45238
.900	.295	.94467	.98824	.86958	.78869	.39984	.97967	1.01686	.92967	.87834	.45627
.900	.811	.94241	.98853	.86842	.78582	.39703	.97962	1.01769	.93101	.87824	.45795
GRADIENT		.00629	.00791	.00479	.00136	.00103	.00769	.00836	.00670	.00643	.00423

RUN NO. 1480/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CP04
1.100	-7.018	1.00817	1.04074	.95736	.91184	.55956	1.03925	1.06959	1.00857	.94736	.60154
1.100	-6.500	1.01890	1.05200	.96537	.91710	.56373	1.04986	1.08038	1.01675	.95950	.60609
1.100	-6.007	1.02799	1.06149	.97136	.91927	.56673	1.05927	1.08983	1.02356	.96999	.61023
1.100	-5.504	1.03670	1.07057	.97750	.92030	.57001	1.06722	1.09829	1.02984	.97856	.61362
1.100	-5.009	1.04512	1.07971	.98418	.92501	.57351	1.07472	1.10631	1.03578	.98703	.61651
1.100	-4.502	1.05184	1.08657	.98847	.92672	.57538	1.08195	1.11381	1.04154	.99380	.62003
1.100	-4.011	1.05817	1.09347	.99391	.92966	.57798	1.08753	1.11975	1.04581	.99850	.62195
1.100	-3.512	1.06494	1.10080	.99902	.93589	.58108	1.09342	1.12605	1.05049	1.00383	.62442
1.100	-3.012	1.06982	1.10609	1.00244	.93884	.58257	1.09773	1.13081	1.05389	1.00865	.62583
1.100	-2.518	1.07432	1.11118	1.00553	.94029	.58435	1.10199	1.13504	1.05709	1.01302	.62747
1.100	-2.028	1.07907	1.11665	1.00961	.94162	.58655	1.10609	1.13955	1.06060	1.01734	.62957
1.100	-1.542	1.08180	1.11986	1.01194	.94093	.58892	1.10834	1.14214	1.06246	1.01888	.63001
1.100	-1.059	1.08411	1.12315	1.01350	.94110	.58726	1.11062	1.14454	1.06421	1.01982	.63057
1.100	-.588	1.08540	1.12562	1.01491	.94105	.58714	1.11186	1.14606	1.06515	1.01958	.63093
1.100	-.136	1.08575	1.12685	1.01589	.94106	.58698	1.11333	1.14822	1.06696	1.01974	.63260
1.100	.432	1.08467	1.12648	1.01589	.93971	.58575	1.11415	1.14955	1.06839	1.01978	.63436
1.100	.927	1.08344	1.12736	1.01614	.93829	.58467	1.11387	1.14997	1.06917	1.01951	.63573
GRADIENT		.00600	.00759	.00505	.00190	.00175	.00591	.00662	.00500	.00472	.00269

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(SCMO47) (03 OCT 91)

PARAMETRIC DATA

BETA = -1.000 PHI = 180.000

RUN NO. 1520/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.250	-7.027	1.07970	1.11657	1.02872	.98106	.62638	1.10825	1.14245	1.07691	1.01605	.66205
1.250	-6.514	1.08986	1.12755	1.03564	.98311	.63032	1.11905	1.15401	1.08555	1.02903	.66723
1.250	-6.016	1.09962	1.13776	1.04265	.98836	.63438	1.12778	1.16247	1.09149	1.03786	.67012
1.250	-5.518	1.10705	1.14526	1.04789	.98870	.63672	1.13492	1.17017	1.09729	1.04643	.67367
1.250	-5.019	1.11557	1.15419	1.05388	.99289	.64074	1.14238	1.17775	1.10323	1.05497	.67710
1.250	-4.525	1.12165	1.16098	1.05916	.99510	.64305	1.14833	1.18439	1.10823	1.06080	.67989
1.250	-4.029	1.12826	1.16783	1.06360	.99844	.64562	1.15406	1.19026	1.11247	1.06539	.68161
1.250	-3.531	1.13432	1.17472	1.06850	1.00375	.64808	1.15991	1.19659	1.11731	1.07072	.68410
1.250	-3.040	1.13916	1.18026	1.07149	1.00696	.64963	1.16488	1.20172	1.12119	1.07552	.68594
1.250	-2.551	1.14426	1.18612	1.07539	1.00900	.65191	1.16972	1.20695	1.12534	1.08045	.68827
1.250	-2.063	1.14758	1.19036	1.07839	1.00800	.65290	1.17305	1.21061	1.12798	1.08312	.68961
1.250	-1.582	1.15038	1.19401	1.08063	1.00776	.65352	1.17575	1.21358	1.13024	1.08522	.69067
1.250	-1.113	1.15288	1.19781	1.08261	1.00817	.65384	1.17835	1.21627	1.13205	1.08642	.69145
1.250	-.660	1.15455	1.20046	1.08428	1.00832	.65366	1.18045	1.21857	1.13368	1.08682	.69276
1.250	-.222	1.15383	1.20064	1.08382	1.00679	.65209	1.18176	1.22042	1.13534	1.08733	.69489
1.250	.291	1.15157	1.19915	1.08241	1.00406	.64931	1.18347	1.22241	1.13740	1.08814	.69786
1.250	.848	1.15008	1.19967	1.08256	1.00242	.64773	1.18392	1.22399	1.13919	1.08849	.69968
GRADIENT		.00555	.00747	.00452	.00115	.00102	.00665	.00731	.00564	.00511	.00352

RUN NO. 1536/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.400	-7.024	1.09849	1.15112	1.05003	.99778	.64104	1.12772	1.17521	1.10136	1.04317	.67740
1.400	-6.511	1.10727	1.16114	1.05662	1.00117	.64405	1.13689	1.18549	1.10908	1.05389	.68143
1.400	-6.014	1.11662	1.17138	1.06354	1.00359	.64783	1.14613	1.19565	1.11663	1.06423	.68573
1.400	-5.515	1.12367	1.17946	1.06980	1.00559	.65034	1.15223	1.20225	1.12110	1.07206	.68712
1.400	-5.021	1.13229	1.18943	1.07580	1.01074	.65393	1.16086	1.21169	1.12848	1.08159	.69130
1.400	-4.522	1.13723	1.19525	1.07929	1.01192	.65468	1.16585	1.21783	1.13288	1.08633	.69298
1.400	-4.027	1.14563	1.20426	1.08620	1.01728	.65842	1.17305	1.22573	1.13891	1.09264	.69616
1.400	-3.528	1.15103	1.21025	1.08989	1.02020	.66028	1.17804	1.23126	1.14288	1.09714	.69830
1.400	-3.032	1.15558	1.21552	1.09166	1.02358	.66135	1.18232	1.23620	1.14636	1.10100	.69942
1.400	-2.542	1.15913	1.22002	1.09463	1.02326	.66238	1.18615	1.24008	1.14932	1.10330	.70074
1.399	-2.054	1.16233	1.22460	1.09805	1.02274	.66344	1.18874	1.24355	1.15204	1.10632	.70166
1.400	-1.576	1.16592	1.22910	1.10098	1.02324	.66419	1.19286	1.24826	1.15580	1.10984	.70307
1.400	-1.106	1.16823	1.23284	1.10297	1.02341	.66435	1.19575	1.25186	1.15843	1.11170	.70444
1.400	-.649	1.16980	1.23572	1.10465	1.02308	.66420	1.19803	1.25488	1.16079	1.11272	.70567
1.400	-.203	1.16889	1.23551	1.10379	1.02107	.66223	1.19916	1.25678	1.16244	1.11336	.70784
1.400	.308	1.16858	1.23583	1.10419	1.01954	.66109	1.20298	1.26112	1.16714	1.11664	.71261
1.400	.860	1.16552	1.23406	1.10287	1.01622	.65832	1.20199	1.26135	1.16756	1.11563	.71336
GRADIENT		.00540	.00747	.00443	.00044	.00072	.00671	.00803	.00634	.00536	.00350

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(SCMO47) (03 OCT 91)

PARAMETRIC DATA

BETA = -1.000 PHI = 180.000

RUN NO. 1554/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.449	-7.037	1.09005	1.15730	1.05192	.99833	.64682	1.11667	1.17642	1.10164	1.04697	.67887
1.450	-6.525	1.09901	1.16676	1.05784	1.00286	.64980	1.12643	1.18733	1.10958	1.05773	.68286
1.450	-6.029	1.10634	1.17584	1.06394	1.00333	.65356	1.13331	1.19578	1.11565	1.06649	.68633
1.450	-5.532	1.11427	1.18518	1.07054	1.00763	.65666	1.14149	1.20441	1.12259	1.07593	.69015
1.450	-5.035	1.12108	1.19381	1.07529	1.01050	.65870	1.14775	1.21221	1.12836	1.08308	.69266
1.450	-4.542	1.12820	1.20188	1.08095	1.01310	.66078	1.15457	1.22033	1.13428	1.08895	.69521
1.450	-4.048	1.13430	1.20966	1.08688	1.01761	.66349	1.15995	1.22823	1.14055	1.09528	.69844
1.450	-3.554	1.13900	1.21552	1.08925	1.02137	.66449	1.16416	1.23403	1.14447	1.09952	.69961
1.451	-3.066	1.14591	1.22312	1.09402	1.02513	.66860	1.17088	1.24221	1.15117	1.10586	.70399
1.449	-2.580	1.14670	1.22513	1.09461	1.02204	.66717	1.17158	1.24360	1.15124	1.10533	.70283
1.450	-2.099	1.15002	1.23005	1.09793	1.02211	.66865	1.17455	1.24840	1.15469	1.10929	.70505
1.450	-1.622	1.15441	1.23570	1.10219	1.02409	.67023	1.17977	1.25493	1.15991	1.11431	.70731
1.450	-1.166	1.15613	1.23887	1.10354	1.02334	.66950	1.18238	1.25918	1.16155	1.11516	.70795
1.450	-.735	1.15881	1.24262	1.10580	1.02365	.66983	1.18630	1.26211	1.16315	1.11535	.70996
1.450	-.314	1.15760	1.24230	1.10429	1.02076	.66683	1.18887	1.26325	1.16450	1.11636	.71260
1.449	.246	1.15434	1.24020	1.10328	1.01769	.66195	1.19185	1.26706	1.16862	1.11882	.71664
1.450	.770	1.15177	1.23833	1.10283	1.01558	.65935	1.19221	1.26905	1.17103	1.11964	.71831
GRADIENT		.00490	.00740	.00429	.00017	.00001	.00726	.00914	.00657	.00552	.00409

RUN NO. 1638/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.470	-7.033	1.05821	1.13807	1.03107	.97873	.63296	1.08617	1.16078	1.08509	1.03108	.66167
1.471	-6.526	1.06653	1.14937	1.03943	.98466	.63619	1.09457	1.17294	1.09421	1.04329	.66593
1.470	-6.029	1.07428	1.15885	1.04546	.98523	.63870	1.10189	1.18218	1.10080	1.05396	.66816
1.471	-5.533	1.08256	1.16862	1.05143	.98953	.64192	1.11042	1.19271	1.10876	1.06473	.67255
1.470	-5.035	1.08708	1.17505	1.05596	.99150	.64329	1.11432	1.19812	1.11252	1.06898	.67386
1.470	-4.542	1.09303	1.18216	1.06148	.99464	.64597	1.11930	1.20432	1.11708	1.07347	.67614
1.470	-4.043	1.09810	1.18920	1.06607	.99804	.64774	1.12334	1.20956	1.12114	1.07772	.67803
1.469	-3.552	1.10287	1.19541	1.06855	1.00115	.64889	1.12813	1.21541	1.12537	1.08199	.68066
1.470	-3.065	1.10821	1.20182	1.07121	1.00281	.65064	1.13284	1.21971	1.12854	1.08460	.68255
1.470	-2.573	1.11179	1.20714	1.07522	1.00321	.65242	1.13589	1.22289	1.13096	1.08702	.68441
1.470	-2.095	1.11298	1.21133	1.07858	1.00359	.65329	1.13665	1.22585	1.13293	1.08929	.68535
1.470	-1.621	1.11560	1.21605	1.08222	1.00502	.65448	1.13970	1.23050	1.13655	1.09268	.68775
1.471	-1.158	1.11677	1.21855	1.08357	1.00464	.65465	1.14183	1.23340	1.13876	1.09422	.68963
1.470	-.719	1.11607	1.21963	1.08349	1.00271	.65523	1.14310	1.23538	1.14018	1.09437	.69017
1.470	-.293	1.11415	1.21952	1.08278	1.00024	.64826	1.14563	1.23841	1.14299	1.09631	.69369
1.471	.215	1.11367	1.21926	1.08266	.99911	.64492	1.15133	1.24294	1.14796	1.10002	.70033
1.484	.782	1.11110	1.21827	1.08224	.99649	.64157	1.15185	1.24440	1.14914	1.09938	.70290
GRADIENT		.00350	.00710	.00418	.00023	-.00043	.00592	.00747	.00590	.00485	.00472

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(SCMO47) (03 OCT 91)

PARAMETRIC DATA

BETA = -1.000 PHI = 180.000

RUN NO. 1589/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.492	-7.036	1.01215	1.13117	1.02145	.96965	.62677	1.03978	1.15240	1.07676	1.02596	.65920
1.492	-6.524	1.01565	1.14098	1.02799	.97234	.62939	1.04381	1.16252	1.08468	1.03689	.66327
1.492	-6.022	1.01654	1.15048	1.03413	.97436	.63230	1.04455	1.17194	1.09131	1.04801	.66637
1.492	-5.531	1.01793	1.15932	1.03917	.97820	.63554	1.04532	1.17965	1.09669	1.05605	.66891
1.492	-5.033	1.01655	1.16771	1.04483	.98101	.63776	1.04403	1.18794	1.10278	1.06299	.67225
1.492	-4.534	1.01725	1.17503	1.05035	.98391	.63987	1.04412	1.19411	1.10693	1.06720	.67412
1.493	-4.045	1.01895	1.18348	1.05485	.98816	.64208	1.04603	1.20156	1.11230	1.07227	.67696
1.492	-3.550	1.01788	1.19128	1.05769	.99157	.64414	1.04455	1.20762	1.11649	1.07524	.67862
1.492	-3.056	1.01268	1.19656	1.06069	.99136	.64509	1.03951	1.21178	1.11901	1.07764	.67960
1.492	-2.573	1.00757	1.20141	1.06458	.99203	.64626	1.03443	1.21523	1.12071	1.07970	.67990
1.492	-2.086	1.00620	1.20605	1.06845	.99343	.64762	1.03358	1.21937	1.12372	1.08283	.68184
1.492	-1.615	1.00092	1.20878	1.07020	.99320	.64728	1.02960	1.22141	1.12494	1.08372	.68152
1.492	-1.149	.99820	1.21182	1.07262	.99382	.64780	1.02783	1.22458	1.12763	1.08578	.68320
1.492	-.711	.99572	1.21334	1.07368	.99330	.64653	1.02723	1.22761	1.13014	1.08704	.68495
1.492	-.278	.99206	1.21347	1.07350	.99165	.64415	1.02893	1.23148	1.13351	1.08914	.68809
1.492	.231	.99064	1.21271	1.07245	.98853	.64061	1.03399	1.23497	1.13723	1.09108	.69264
1.492	.796	.99213	1.21190	1.07150	.98514	.63783	1.03878	1.23543	1.13801	1.09026	.69471
	GRADIENT	-.00607	.00691	.00434	.00024	-.00017	-.00264	.00756	.00559	.00430	.00344

RUN NO. 1605/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.514	-7.040	.89826	1.12902	1.02059	.97126	.62681	.93027	1.14863	1.07352	1.02544	.65931
1.515	-6.523	.89253	1.13977	1.02737	.97378	.63057	.92473	1.15973	1.08198	1.03675	.66388
1.514	-6.027	.88383	1.14951	1.03267	.97489	.63279	.91648	1.16835	1.08835	1.04776	.66614
1.514	-5.530	.87911	1.15962	1.03752	.97803	.63532	.90989	1.17688	1.09382	1.05562	.66808
1.514	-5.033	.88136	1.17053	1.04412	.98227	.63892	.91129	1.18842	1.10212	1.06370	.67270
1.514	-4.538	.87897	1.17802	1.04685	.98492	.64036	.90899	1.19473	1.10620	1.06699	.67398
1.514	-4.044	.86889	1.18428	1.04791	.98606	.64166	.89964	1.20038	1.11016	1.06976	.67552
1.514	-3.554	.85822	1.19372	1.05372	.98877	.64500	.88952	1.20854	1.11616	1.07573	.67852
1.515	-3.060	.84960	1.20226	1.05874	.99076	.64685	.88157	1.21612	1.12134	1.08098	.68018
1.514	-2.573	.84480	1.20944	1.06251	.99139	.64708	.87735	1.22342	1.12535	1.08498	.68093
1.514	-2.084	.84457	1.21647	1.06657	.99242	.64815	.87687	1.22990	1.12926	1.08862	.68262
1.514	-1.614	.84270	1.22238	1.06968	.99325	.64893	.87446	1.23511	1.13237	1.09131	.68385
1.514	-1.153	.84084	1.22522	1.07084	.99189	.64774	.87312	1.23824	1.13377	1.09179	.68387
1.514	-.709	.83985	1.22780	1.07323	.99227	.64740	.87482	1.24261	1.13661	1.09301	.68527
1.514	-.281	.83945	1.22757	1.07334	.99000	.64524	.87955	1.24637	1.13908	1.09368	.68851
1.514	.232	.83478	1.22389	1.07138	.98581	.64227	.88126	1.25001	1.14379	1.09689	.69398
1.515	.799	.83981	1.22275	1.07072	.98297	.64080	.88866	1.25210	1.14695	1.09817	.69678
	GRADIENT	-.00684	.00928	.00521	-.00003	.00014	-.00374	.01117	.00745	.00584	.00383

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(SCMO47) (03 OCT 91)

PARAMETRIC DATA

BETA = -1.000 PHI = 180.000

RUN NO. 1620/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.541	-7.035	.73110	1.13329	1.01825	.96818	.62454	.76909	1.15488	1.07633	1.03055	.66238
1.541	-6.523	.73351	1.14473	1.02074	.97083	.62716	.76924	1.16654	1.08441	1.04147	.66648
1.541	-6.027	.73582	1.15643	1.02480	.97430	.62962	.77009	1.17629	1.09093	1.04764	.66891
1.541	-5.530	.73904	1.16887	1.02958	.97699	.63224	.77286	1.18610	1.09700	1.05413	.67124
1.540	-5.038	.74307	1.18176	1.03449	.97858	.63446	.77733	1.19731	1.10297	1.06123	.67402
1.540	-4.534	.75026	1.19515	1.04038	.98068	.63645	.78397	1.20929	1.10856	1.06770	.67635
1.541	-4.040	.76407	1.21013	1.04691	.98323	.63884	.79557	1.22288	1.11431	1.07361	.67868
1.541	-3.549	.79179	1.22985	1.05483	.98640	.64054	.82101	1.24173	1.11921	1.07900	.68006
1.541	-3.056	.84562	1.25606	1.06630	.99208	.64284	.87253	1.27247	1.12622	1.08516	.68147
1.541	-2.574	.87733	1.24625	1.07450	.99409	.64484	.90361	1.27373	1.13371	1.08964	.68342
1.541	-2.090	.89368	1.21982	1.07892	.99432	.64505	.91983	1.25642	1.13731	1.09062	.68330
1.541	-1.614	.90704	1.18915	1.08226	.99440	.6472	.93296	1.23719	1.13995	1.09078	.68301
1.541	-1.149	.91942	1.16117	1.08595	.99540	.64530	.94521	1.22145	1.14341	1.09222	.68412
1.542	-.710	.93153	1.14405	1.08879	.99708	.64785	.95777	1.21562	1.14885	1.09551	.68686
1.541	-.280	.93701	1.12654	1.08701	.99508	.64848	.96648	1.21744	1.15291	1.09773	.69075
1.542	.231	.94041	1.10960	1.08188	.98963	.64610	.97363	1.22073	1.15697	1.10005	.69459
1.541	.796	.94175	1.10474	1.07958	.98567	.64357	.97678	1.22592	1.15836	1.10000	.69547
	GRADIENT	.03876	-.02523	.00823	.00148	.00165	.03894	-.00328	.00962	.00576	.00335

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(SCMO48) (03 OCT 91)

PARAMETRIC DATA

BETA = -.500 PHI = 180.000

MACH	ALPHA	CPR	CP7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
.600	-7.023	.72549	.76454	.68205	.63518	.25568	.73413	.77030	.70548	.63646	.26306
.599	-6.514	.74127	.77998	.69363	.64375	.26264	.74943	.77030	.71678	.65161	.27073
.599	-6.011	.75262	.79091	.69985	.64493	.26524	.76095	.79614	.72470	.66657	.27451
.600	-5.513	.76869	.80626	.71167	.65556	.27389	.77567	.81009	.73600	.68170	.28219
.601	-5.021	.77707	.81472	.71760	.65599	.27745	.78342	.81777	.74133	.68966	.28549
.600	-4.523	.78526	.82315	.72257	.65845	.27866	.79194	.82613	.74751	.69783	.28766
.600	-4.026	.79574	.83298	.73030	.66315	.28363	.80223	.83563	.75483	.70516	.29230
.600	-3.528	.80385	.84192	.73686	.66904	.28729	.81047	.84409	.76128	.71186	.29627
.600	-3.030	.81102	.84944	.74209	.67616	.28935	.81739	.85064	.76627	.71767	.29809
.601	-2.537	.81571	.85468	.74478	.67745	.29153	.82176	.85543	.76991	.72212	.30046
.600	-2.049	.82218	.86169	.75043	.67968	.29314	.82745	.86097	.77431	.72696	.30180
.601	-1.561	.82636	.86571	.75372	.67934	.29562	.83051	.86402	.77630	.73024	.30421
.601	-1.088	.82883	.86899	.75548	.67878	.29611	.83189	.86590	.77757	.73063	.30443
.600	-.654	.83101	.87214	.75704	.67900	.29590	.83397	.86831	.77903	.73061	.30426
.600	-.310	.83097	.87249	.75596	.67694	.29367	.83753	.87181	.78235	.73286	.30778
.601	.248	.82519	.86823	.75019	.67001	.28664	.84619	.88162	.79277	.74166	.31972
.601	.828	.82004	.86443	.74614	.66430	.28196	.84408	.87984	.79189	.73930	.32061
GRADIENT		.00721	.00842	.00502	.00149	.00117	.00936	.00970	.00782	.00754	.00539

MACH	ALPHA	CPR	CP7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
.800	-7.018	.80984	.84776	.76055	.71143	.32051	.82180	.85593	.78870	.72126	.33419
.800	-6.507	.82333	.86151	.77071	.71848	.32623	.83385	.86821	.79797	.73575	.33921
.800	-6.006	.83465	.87284	.77781	.72241	.33040	.84478	.87919	.80617	.74909	.34401
.800	-5.505	.84627	.88436	.78571	.72479	.33481	.85550	.88997	.81438	.76059	.34887
.800	-5.010	.85670	.89440	.79346	.72986	.33907	.86591	.90050	.82238	.77110	.35408
.800	-4.515	.86548	.90363	.79926	.73312	.34294	.87357	.90837	.82802	.77796	.35663
.800	-4.014	.87292	.91144	.80518	.73658	.34577	.88134	.91613	.83390	.78351	.35993
.800	-3.518	.88043	.91960	.81088	.74288	.34925	.88837	.92330	.83926	.78900	.36261
.800	-3.022	.88651	.92623	.81537	.74834	.35163	.89448	.92942	.84389	.79439	.36524
.800	-2.530	.89173	.93218	.81834	.74975	.35343	.89992	.93488	.84818	.79952	.36759
.800	-2.033	.89631	.93740	.82307	.75137	.35500	.90397	.93902	.85135	.80350	.36906
.800	-1.549	.90066	.94209	.82668	.75118	.35665	.90781	.94292	.85438	.80692	.37090
.800	-1.072	.90371	.94596	.82888	.75099	.35747	.91076	.94574	.85642	.80833	.37178
.800	-.620	.90570	.94912	.83066	.75142	.35803	.91142	.94760	.85789	.80875	.37216
.802	-.218	.89996	.94542	.82537	.74524	.35125	.91111	.94898	.85892	.80878	.37376
.800	.329	.90653	.95050	.82965	.74782	.35296	.92609	.96146	.87155	.81929	.38611
.800	.886	.89458	.94228	.82189	.73820	.34526	.91559	.95411	.86527	.81139	.38250
GRADIENT		.00648	.00809	.00494	.00141	.00110	.00829	.00881	.00711	.00673	.00468

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(SCMO48) (03 OCT 91)

PARAMETRIC DATA

BETA = - .500 PHI = 180.000

RUN NO. 1498/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CP03	CPL	CPC10	CPC11	CPC12	CP04
.900	-7.016	.86948	.90578	.81925	.77053	.38576	.88088	.91384	.84712	.78070	.39908
.900	-6.503	.88203	.91867	.82862	.77698	.39104	.89285	.92583	.85592	.79568	.40453
.900	-6.006	.89296	.92996	.83622	.78293	.39530	.90301	.93634	.86381	.80735	.40894
.900	-5.504	.90386	.94105	.84405	.78306	.40016	.91240	.94598	.87107	.81741	.41303
.900	-5.012	.91312	.95002	.85034	.78776	.40359	.92132	.95509	.87788	.82694	.41692
.900	-4.510	.92148	.95892	.85646	.79108	.40710	.92876	.96304	.88359	.83406	.41996
.900	-4.012	.92868	.96634	.86206	.79454	.41002	.93587	.97005	.88883	.83921	.42279
.900	-3.520	.93541	.97367	.86744	.80052	.41291	.94267	.97700	.89427	.84523	.42600
.900	-3.017	.94234	.98129	.87267	.80656	.41581	.95024	.98430	.90005	.85237	.42921
.901	-2.524	.94503	.98508	.87418	.80618	.41688	.95201	.98694	.90160	.85477	.42967
.900	-2.031	.95061	.99124	.87930	.80827	.41912	.95743	.99243	.90610	.85972	.43229
.900	-1.547	.95221	.99359	.88083	.80636	.41869	.95878	.99386	.90673	.86039	.43204
.900	-1.070	.95803	.99947	.88503	.80825	.42106	.96406	.99880	.91084	.86366	.43435
.900	-.623	.95914	1.00196	.88607	.80786	.42071	.96507	1.00040	.91170	.86366	.43444
.900	-.259	.95834	1.00204	.88510	.80612	.41868	.96664	1.00257	.91375	.86463	.43641
.900	.313	.95274	.99759	.87989	.79936	.41198	.97111	1.00780	.91967	.86846	.44376
.900	.881	.95040	.99717	.87941	.79701	.41001	.97036	1.00798	.92023	.86737	.44496
GRADIENT		.00595	.00762	.00463	.00117	.00093	.00766	.00821	.00656	.00618	.00419

RUN NO. 1483/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CP03	CPL	CPC10	CPC11	CPC12	CP04
1.100	-7.012	1.01617	1.04917	.96773	.92125	.57035	1.03046	1.06102	.99881	.93789	.58885
1.100	-6.497	1.02654	1.06012	.97521	.92657	.57474	1.04022	1.07080	1.00557	.94995	.59252
1.100	-5.998	1.03572	1.06977	.98166	.93136	.57790	1.04943	1.08046	1.01299	.96012	.59681
1.100	-5.499	1.04517	1.07962	.98860	.93177	.58178	1.05801	1.08923	1.01951	.96918	.60025
1.100	-5.005	1.05326	1.08795	.99446	.93540	.58492	1.06483	1.09638	1.02467	.97685	.60288
1.100	-4.500	1.06086	1.09547	.99974	.93784	.58735	1.07291	1.10465	1.03107	.98425	.60675
1.100	-4.001	1.06720	1.10261	1.00503	.94150	.59027	1.07819	1.11049	1.03519	.98865	.60859
1.100	-3.506	1.07342	1.10919	1.00965	.94722	.59256	1.08388	1.11627	1.03951	.99357	.61047
1.100	-3.005	1.07902	1.11569	1.01437	.95172	.59508	1.08923	1.12199	1.04389	.99914	.61280
1.100	-2.509	1.08305	1.12048	1.01660	.95218	.59654	1.09328	1.12634	1.04720	1.00347	.61448
1.100	-2.010	1.08709	1.12527	1.02093	.95335	.59811	1.09722	1.13042	1.05036	1.00681	.61627
1.100	-1.518	1.08998	1.12867	1.02359	.95299	.59887	1.10009	1.13335	1.05246	1.00866	.61713
1.100	-1.025	1.09292	1.13259	1.02589	.95333	.59988	1.10202	1.13563	1.05413	1.00949	.61760
1.100	-.571	1.09400	1.13449	1.02652	.95298	.59954	1.10303	1.13714	1.05508	1.00921	.61783
1.100	-.102	1.09381	1.13549	1.02673	.95208	.59826	1.10537	1.13964	1.05715	1.01015	.61966
1.100	.440	1.09244	1.13506	1.02653	.95049	.59695	1.10606	1.14101	1.05870	1.01043	.62182
1.100	.966	1.09143	1.13565	1.02704	.94951	.59635	1.10511	1.14069	1.05864	1.00914	.62216
GRADIENT		.00577	.00746	.00500	.00179	.00165	.00605	.00667	.00509	.00465	.00275

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(SCMO48) (03 OCT 91)

PARAMETRIC DATA

BETA = - .500 PHI = 180.000

RUN NO. 1521/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.250	-7.018	1.08940	1.12670	1.04008	.99190	.63861	1.09926	1.13387	1.06708	1.00797	.65008
1.250	-6.503	1.09987	1.13788	1.04730	.99516	.64295	1.10959	1.14464	1.07520	1.00216	.65470
1.250	-6.004	1.10892	1.14729	1.05339	.99755	.64632	1.11908	1.15450	1.08240	1.02989	.65908
1.250	-5.504	1.11759	1.15598	1.05993	1.00053	.64991	1.12721	1.16243	1.08839	1.03863	.66256
1.250	-5.005	1.12448	1.16352	1.06476	1.00375	.65273	1.13323	1.16879	1.09307	1.04581	.66479
1.250	-4.505	1.13090	1.17028	1.06977	1.00600	.65488	1.13936	1.17521	1.09792	1.05146	.66743
1.250	-4.012	1.13765	1.17808	1.07557	1.01006	.65806	1.14516	1.18156	1.10263	1.05649	.66964
1.250	-3.513	1.14434	1.18514	1.08057	1.01647	.66073	1.15216	1.18893	1.10839	1.06284	.67325
1.250	-3.014	1.14864	1.19030	1.08297	1.01884	.66220	1.15661	1.19341	1.11153	1.06694	.67456
1.250	-2.520	1.15293	1.19549	1.08617	1.02033	.66415	1.16036	1.19756	1.11442	1.07039	.67591
1.250	-2.024	1.15739	1.20091	1.09068	1.02088	.66612	1.16465	1.20211	1.11815	1.07348	.67800
1.250	-1.536	1.16116	1.20531	1.09365	1.02077	.66740	1.16846	1.20578	1.12099	1.07618	.67955
1.250	-1.055	1.16243	1.20807	1.09543	1.02070	.66751	1.16914	1.20708	1.12180	1.07610	.67945
1.250	-.604	1.16346	1.21060	1.09707	1.02081	.66749	1.16979	1.20825	1.12240	1.07574	.67957
1.249	-.192	1.16283	1.21036	1.09533	1.01806	.66400	1.17335	1.21112	1.12519	1.07762	.68289
1.250	.354	1.16069	1.20950	1.09433	1.01562	.66134	1.17647	1.21504	1.12920	1.08018	.68784
1.250	.910	1.15874	1.20894	1.09377	1.01335	.65946	1.17577	1.21521	1.12950	1.07917	.68856
	GRADIENT	.00540	.00740	.00459	.00111	.00102	.00667	.00722	.00564	.00494	.00361

RUN NO. 1537/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.399	-7.017	1.10833	1.16107	1.06080	1.00720	.65203	1.11821	1.16617	1.09179	1.03449	.66563
1.400	-6.496	1.11709	1.17093	1.06776	1.01432	.65532	1.12679	1.17581	1.09827	1.04437	.66915
1.400	-5.997	1.12738	1.18226	1.07614	1.01550	.66055	1.13637	1.18581	1.10575	1.05529	.67318
1.400	-5.497	1.13400	1.19054	1.08206	1.01852	.66270	1.14269	1.19329	1.11100	1.06354	.67546
1.400	-5.009	1.14224	1.19992	1.08803	1.02233	.66602	1.15063	1.20197	1.11774	1.07169	.67889
1.400	-4.505	1.14857	1.20672	1.09271	1.02459	.66805	1.15608	1.20845	1.12237	1.07693	.68092
1.399	-4.011	1.15612	1.21519	1.09887	1.02986	.67065	1.16362	1.21673	1.12867	1.08336	.68406
1.400	-3.512	1.16096	1.22010	1.10116	1.03359	.67207	1.16771	1.22079	1.13128	1.08655	.68497
1.400	-3.013	1.16621	1.22646	1.10452	1.03620	.67458	1.17301	1.22674	1.13583	1.09149	.68738
1.400	-2.518	1.17009	1.23148	1.10773	1.03626	.67586	1.17685	1.23096	1.13883	1.09417	.68857
1.400	-2.022	1.17217	1.23544	1.11053	1.03485	.67649	1.17910	1.23405	1.14107	1.09568	.68917
1.400	-1.530	1.17749	1.24191	1.11588	1.03698	.67855	1.18438	1.23980	1.14550	1.10011	.69145
1.400	-1.053	1.17918	1.24521	1.11793	1.03708	.67863	1.18579	1.24206	1.14696	1.10082	.69176
1.400	-.595	1.18104	1.24831	1.11987	1.03740	.67881	1.18745	1.24433	1.14867	1.10138	.69244
1.400	-.177	1.17896	1.24670	1.11714	1.03362	.67517	1.18959	1.24689	1.15138	1.10325	.69574
1.400	.373	1.17655	1.24511	1.11480	1.02932	.67148	1.19279	1.25131	1.15629	1.10630	.70040
1.400	.918	1.17523	1.24492	1.11491	1.02765	.67027	1.19297	1.25209	1.15740	1.10587	.70162
	GRADIENT	.00510	.00741	.00440	.00029	.00062	.00665	.00790	.00623	.00514	.00350

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(SCMO48) (03 OCT 91)

PARAMETRIC DATA

BETA = -.500 PHI = 180.000

RUN NO. 1555/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.450	-7.016	1.10241	1.16925	1.06504	1.01294	.66013	1.10762	1.16793	1.09192	1.03874	.66732
1.450	-6.507	1.11093	1.17858	1.07066	1.01498	.66318	1.11652	1.17849	1.09350	1.04952	.67128
1.449	-6.008	1.11724	1.18713	1.07587	1.01533	.66566	1.12335	1.18703	1.10565	1.05433	.67433
1.450	-5.509	1.12498	1.19577	1.08235	1.01940	.66879	1.13061	1.19437	1.11089	1.06599	.67649
1.450	-5.011	1.13092	1.20431	1.08751	1.02179	.67058	1.13654	1.20204	1.11709	1.07298	.67970
1.449	-4.518	1.13789	1.21227	1.09328	1.02461	.67263	1.14227	1.20952	1.12338	1.07844	.68150
1.450	-4.015	1.14500	1.22048	1.09899	1.02971	.67540	1.14890	1.21761	1.12856	1.08479	.68480
1.449	-3.521	1.15089	1.22683	1.10242	1.03439	.67770	1.15475	1.22490	1.13438	1.09013	.68758
1.450	-3.024	1.15502	1.23234	1.10489	1.03577	.68010	1.15909	1.23048	1.13845	1.09389	.68954
1.449	-2.526	1.16095	1.23666	1.10761	1.03481	.68077	1.16174	1.23441	1.14085	1.09586	.69012
1.450	-2.038	1.16501	1.24168	1.11196	1.03589	.68218	1.16484	1.23867	1.14360	1.09873	.69203
1.450	-1.555	1.17001	1.24584	1.11620	1.03704	.68285	1.16856	1.24393	1.14714	1.10217	.69311
1.451	-1.082	1.17127	1.25052	1.12125	1.03874	.68436	1.17330	1.24928	1.15067	1.10468	.69478
1.450	-.643	1.17693	1.25569	1.12575	1.03556	.68421	1.17458	1.24938	1.14983	1.10245	.69529
1.450	-.299	1.18234	1.26086	1.12947	1.03234	.68412	1.17575	1.24962	1.15074	1.10312	.69785
1.450	.066	1.18783	1.26603	1.13322	1.02961	.68377	1.17693	1.25000	1.15194	1.10440	.70042
1.451	.411	1.19334	1.27130	1.13751	1.02674	.68342	1.17811	1.25033	1.15317	1.10566	.70300
GRADIENT		.00512	.00805	.00475	.00043	.00027	.00755	.00903	.00666	.00545	.00430

RUN NO. 1639/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.470	-7.019	1.06896	1.14825	1.04311	.99209	.64381	1.07588	1.15142	1.07463	1.02225	.64947
1.470	-6.504	1.07637	1.15963	1.05084	.99510	.64712	1.08286	1.16278	1.08306	1.03352	.65324
1.469	-6.005	1.08458	1.16940	1.05746	.99650	.64993	1.09084	1.17259	1.08992	1.04501	.65562
1.470	-5.507	1.09248	1.17833	1.06295	1.00017	.65321	1.09917	1.18201	1.09712	1.05440	.65967
1.470	-5.013	1.09862	1.18659	1.06944	1.00400	.65651	1.10445	1.18953	1.10283	1.06075	.66274
1.470	-4.510	1.10328	1.19284	1.07359	1.00571	.65757	1.10805	1.19407	1.10564	1.06372	.66340
1.470	-4.017	1.10956	1.20052	1.07896	1.01028	.66014	1.11345	1.20040	1.11029	1.06804	.66603
1.470	-3.518	1.11498	1.20708	1.08152	1.01435	.66148	1.11870	1.20577	1.11485	1.07184	.66816
1.484	-3.020	1.11957	1.21323	1.08431	1.01564	.66327	1.12250	1.21029	1.11813	1.07488	.67001
1.470	-2.533	1.12123	1.21777	1.08796	1.01566	.66430	1.12363	1.21248	1.11961	1.07651	.67111
1.470	-2.040	1.12428	1.22233	1.09173	1.01625	.66526	1.12688	1.21649	1.12243	1.07943	.67297
1.470	-1.551	1.12688	1.22659	1.09520	1.01722	.66650	1.12915	1.22022	1.12510	1.08176	.67410
1.470	-1.075	1.12841	1.22967	1.09739	1.01745	.66712	1.13039	1.22329	1.12687	1.08283	.67531
1.470	-.639	1.12892	1.23175	1.09862	1.01733	.66768	1.13144	1.22566	1.12844	1.08320	.67662
1.470	-.258	1.12643	1.23041	1.09601	1.01324	.66640	1.13144	1.22566	1.12844	1.08320	.67662
1.470	.087	1.12237	1.22883	1.09334	1.00867	.65552	1.14199	1.23404	1.13839	1.09100	.68944
1.470	.464	1.12036	1.22840	1.09339	1.00603	.65295	1.14196	1.23497	1.13882	1.08979	.69139
GRADIENT		.00332	.00687	.00403	-.00001	-.00038	.00597	.00751	.00596	.00479	.00476

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(SCMO48) (03 OCT 91)

PARAMETRIC DATA

BETA = - .500 PHI = 180.000

RUN NO. 1590/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.492	-7.017	1.02288	1.14189	1.03358	.98397	.63804	1.02844	1.14306	1.06650	1.01747	.64723
1.492	-6.508	1.02650	1.15218	1.04041	.98370	.64112	1.03222	1.15346	1.07447	1.02845	.65131
1.492	-6.004	1.02768	1.16161	1.04669	.98657	.64442	1.03292	1.16274	1.08119	1.03954	.65438
1.492	-5.511	1.02858	1.17042	1.05230	.99037	.64763	1.03348	1.17139	1.08770	1.04829	.65767
1.492	-5.012	1.02820	1.17820	1.05773	.99294	.64990	1.03221	1.17732	1.09114	1.05278	.65925
1.492	-4.514	1.02809	1.18575	1.06270	.99554	.65151	1.03243	1.18475	1.09653	1.05779	.66236
1.492	-4.016	1.02821	1.19457	1.06775	1.00067	.65422	1.03196	1.19166	1.10152	1.06173	.66494
1.493	-3.523	1.02586	1.20199	1.07051	1.00388	.65650	1.02929	1.19779	1.10572	1.06517	.66686
1.492	-3.024	1.02204	1.20687	1.07349	1.00351	.65737	1.02576	1.20208	1.10819	1.06779	.66731
1.492	-2.531	1.01654	1.21151	1.07706	1.00386	.65878	1.02073	1.20604	1.11056	1.07017	.66832
1.492	-2.039	1.01405	1.21594	1.08095	1.00515	.66047	1.01798	1.20984	1.11310	1.07295	.67022
1.492	-1.549	1.01128	1.21867	1.08309	1.00534	.66087	1.01544	1.21164	1.11403	1.07359	.67033
1.493	-1.078	1.00723	1.22189	1.08538	1.00594	.66183	1.01166	1.21459	1.11598	1.07474	.67090
1.492	-.629	1.00564	1.22444	1.08689	1.00586	.66142	1.01069	1.21753	1.11770	1.07519	.67090
1.492	-.244	.99916	1.22252	1.08462	1.00273	.65641	1.01301	1.22204	1.12179	1.07806	.67480
1.492	.302	.99762	1.22130	1.08271	.99844	.65210	1.02088	1.22690	1.12748	1.08173	.68172
1.492	.872	1.00106	1.22150	1.08339	.99577	.65032	1.02609	1.22696	1.12820	1.08091	.68425
	GRADIENT	-.00631	.00654	.00396	-.00004	-.00001	-.00282	.00766	.00551	.00418	.00343

RUN NO. 1606/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.515	-7.022	.91245	1.14193	1.03446	.98688	.64011	.92079	1.14208	1.06566	1.01939	.64945
1.515	-6.502	.90351	1.15137	1.03981	.98569	.64260	.91117	1.15078	1.07167	1.02875	.65167
1.514	-6.004	.90083	1.16209	1.04618	.98791	.64548	.90762	1.16023	1.07848	1.04002	.65464
1.515	-5.510	.89728	1.17254	1.05182	.99130	.64836	.90269	1.16956	1.08531	1.04877	.65766
1.515	-5.012	.89746	1.18068	1.05650	.99334	.65071	.90145	1.17767	1.09023	1.05340	.65987
1.515	-4.514	.89008	1.18894	1.06058	.99722	.65317	.89463	1.18560	1.09605	1.05764	.66269
1.515	-4.016	.87970	1.19659	1.06281	1.00027	.65562	.88472	1.19202	1.10054	1.06110	.66443
1.514	-3.518	.86783	1.20379	1.06567	1.00016	.65682	.87381	1.19865	1.10453	1.06528	.66509
1.515	-3.019	.86613	1.21345	1.07231	1.00348	.65959	.87222	1.20716	1.11013	1.07074	.66781
1.514	-2.531	.86173	1.22147	1.07721	1.00494	.66067	.86784	1.21445	1.11462	1.07490	.66896
1.514	-2.038	.86031	1.22721	1.08066	1.00542	.66122	.86635	1.22059	1.11791	1.07775	.66972
1.514	-1.548	.85860	1.23274	1.08439	1.00693	.66291	.86435	1.22565	1.12097	1.08033	.67124
1.514	-1.072	.85457	1.23622	1.08659	1.00673	.66267	.86171	1.22940	1.12282	1.08133	.67156
1.514	-.633	.85317	1.23965	1.08882	1.00700	.66301	.86303	1.23304	1.12461	1.08191	.67226
1.514	-.245	.85583	1.23830	1.08735	1.00376	.65901	.87614	1.23637	1.12721	1.08271	.67463
1.514	.301	.84515	1.23482	1.08319	.99683	.65339	.87575	1.24174	1.13384	1.08755	.68352
1.514	.871	.84550	1.23447	1.08266	.99407	.65130	.87633	1.24240	1.13580	1.08747	.68480
	GRADIENT	-.00710	.00922	.00504	-.00011	.00001	-.00248	.01101	.00724	.00557	.00381

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(SCMO48) (03 OCT 91)

PARAMETRIC DATA

BETA = -.500 PHI = 180.000

RUN NO. 1621/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.541	-7.017	.74393	1.14434	1.03137	.97965	.63663	.75534	1.14547	1.06552	1.02172	.65064
1.541	-6.502	.74637	1.15543	1.03362	.98184	.63860	.75619	1.15667	1.07324	1.03136	.65390
1.541	-6.009	.74933	1.16764	1.03880	.98687	.64220	.75929	1.16833	1.08101	1.03860	.65754
1.542	-5.505	.75405	1.18142	1.04510	.99119	.64635	.76382	1.18052	1.08225	1.04703	.66098
1.542	-5.012	.75785	1.19300	1.04949	.99260	.64855	.76730	1.19074	1.09312	1.05280	.66265
1.541	-4.514	.76382	1.20454	1.05314	.99273	.64896	.77397	1.20220	1.09776	1.05798	.66405
1.541	-4.016	.77821	1.21945	1.05953	.99519	.65124	.78698	1.21640	1.10321	1.06377	.66611
1.541	-3.518	.80911	1.24067	1.06865	1.00029	.65430	.81668	1.23847	1.10958	1.07016	.66806
1.542	-3.020	.86047	1.27115	1.07955	1.00498	.65577	.86797	1.26098	1.11720	1.07601	.66944
1.541	-2.527	.88715	1.27066	1.08587	1.00559	.65659	.89513	1.24235	1.12362	1.07873	.67069
1.541	-2.034	.90407	1.25410	1.09105	1.00626	.65715	.91235	1.21415	1.12702	1.07916	.67050
1.542	-1.549	.92096	1.23267	1.09708	1.00880	.65904	.92845	1.19081	1.13070	1.08039	.67168
1.541	-1.077	.93443	1.21052	1.10140	1.01021	.66007	.94174	1.17439	1.13311	1.08091	.67270
1.541	-.632	.94354	1.18823	1.10343	1.01011	.66008	.95011	1.16248	1.13508	1.08094	.67228
1.541	-.245	.94813	1.15766	1.10954	1.00638	.65962	.96103	1.16799	1.14065	1.08433	.67708
1.542	.303	.95045	1.13477	1.09505	.99962	.65626	.96973	1.17556	1.14713	1.08918	.68289
1.542	.879	.95221	1.13156	1.09491	.99770	.65465	.97253	1.17618	1.14800	1.08861	.68315
	GRADIENT	.03758	-.01976	.00855	.00132	.00130	.03928	-.01341	.00934	.00507	.00323

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(SCM049) (03 OCT 91)

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 1575/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
.599	-6.997	.73540	.77491	.69351	.64624	.26874	.72243	.75950	.69340	.62277	.24868
.600	-6.488	.75146	.79016	.70501	.65470	.27566	.73801	.77417	.70468	.64102	.25597
.599	-5.990	.76493	.80340	.71421	.66111	.28055	.75072	.78642	.71387	.65678	.26062
.600	-5.492	.77796	.81593	.72304	.66622	.28707	.76253	.79727	.72197	.66781	.26587
.600	-4.994	.78700	.82477	.72905	.66732	.29009	.77158	.80611	.72837	.67727	.26971
.600	-4.490	.79765	.83560	.73655	.67240	.29485	.78233	.81675	.73660	.68767	.27470
.600	-3.991	.80690	.84522	.74380	.67697	.29828	.79128	.82552	.74321	.69384	.27792
.600	-3.487	.81358	.85215	.74865	.68194	.30085	.79833	.83228	.74836	.69938	.28104
.600	-2.987	.82083	.85933	.75407	.68792	.30261	.80596	.83922	.75359	.70555	.28337
.600	-2.482	.82600	.86521	.75712	.68965	.30462	.81105	.84463	.75778	.71043	.28601
.601	-1.976	.83231	.87201	.76293	.69210	.30775	.81657	.84990	.76215	.71553	.28854
.600	-1.468	.83668	.87725	.76712	.69287	.30866	.81985	.85354	.76796	.72010	.29126
.600	-.954	.84047	.88174	.77028	.69350	.31032	.82440	.85765	.76914	.71967	.29220
.600	-.420	.84226	.88447	.77151	.69299	.31021	.82535	.85948	.78041	.73013	.30478
.600	-.075	.83376	.87657	.76054	.68114	.29772	.83592	.87052	.78175	.72960	.30717
.600	.472	.83210	.87587	.75984	.67926	.29679	.83668	.87147	.78059	.72704	.30594
.600	.984	.82943	.87527	.75948	.67694	.29401	.83445	.86996	.00866	.00828	.00593
	GRADIENT	.00745	.00870	.00531	.00177	.00091	.01053	.01064			

RUN NO. 1465/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
.800	-7.003	.82216	.86033	.77400	.72460	.33609	.81125	.84588	.77770	.71001	.31940
.800	-6.492	.83407	.87257	.78250	.72968	.34008	.82386	.85871	.78706	.72637	.32526
.800	-5.986	.84593	.88447	.79070	.73637	.34495	.83470	.86937	.79498	.73835	.32994
.800	-5.491	.85830	.89667	.79950	.73867	.35056	.84559	.88048	.80343	.75013	.33467
.800	-4.991	.86766	.90596	.80621	.74293	.35443	.85471	.88926	.81008	.75965	.33873
.800	-4.490	.87592	.91432	.81136	.74570	.35713	.86296	.89742	.81603	.76631	.34180
.800	-3.990	.88388	.92258	.81742	.74971	.36035	.87122	.90580	.82233	.77225	.34570
.800	-3.489	.89047	.92971	.82267	.75549	.36298	.87806	.91261	.82722	.77756	.34831
.800	-2.988	.89659	.93672	.82771	.76068	.36560	.88423	.91896	.83228	.78332	.35109
.800	-2.487	.90260	.94355	.83196	.76382	.36860	.88964	.92459	.83678	.78802	.35368
.800	-1.980	.90639	.94836	.83595	.76407	.36906	.89334	.92866	.83968	.79197	.35453
.800	-1.477	.91112	.95327	.83967	.76382	.37124	.89777	.93275	.84307	.79540	.35722
.800	-.971	.91313	.95641	.84200	.76431	.37158	.89977	.93527	.84453	.79647	.35739
.800	-.451	.91574	.96015	.84384	.76438	.37193	.90152	.93756	.84626	.79715	.35845
.800	.083	.91020	.95568	.83727	.75589	.36313	.90980	.94600	.85482	.80391	.36888
.801	.489	.90916	.95565	.83738	.75565	.36307	.91026	.94741	.85651	.80448	.37077
.800	1.006	.90753	.95525	.83738	.75334	.36037	.90897	.94614	.85563	.80209	.36950
	GRADIENT	.00689	.00850	.00544	.00186	.00130	.00905	.00951	.00760	.00728	.00513

IA310 (AEDC 16TF-783) PROBE CALIBRATION (SCMO49) (03 OCT 91)

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 1499/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CP04
.900	-7.001	.88266	.91897	.83377	.78432	.40165	.87319	.90607	.83807	.77289	.38681
.900	-6.487	.89316	.92999	.84083	.78857	.40543	.88297	.91625	.84548	.78625	.39075
.900	-5.985	.90383	.94120	.84876	.79489	.41002	.89244	.92588	.85231	.79618	.39425
.900	-5.483	.91410	.95133	.85575	.79523	.41371	.90194	.93574	.85950	.80679	.39852
.900	-4.991	.92335	.96078	.86250	.80043	.41780	.91073	.94449	.86608	.81597	.40250
.900	-4.489	.93171	.96933	.86852	.80325	.42077	.91892	.95269	.87230	.82296	.40576
.900	-3.986	.93889	.97699	.87387	.80716	.42375	.92601	.96008	.87760	.82856	.40885
.900	-3.489	.94520	.98399	.87893	.81314	.42555	.93265	.96691	.88291	.83440	.41206
.900	-2.981	.95098	.99070	.88369	.81764	.42866	.93856	.97304	.88748	.84044	.41426
.900	-2.478	.95581	.99628	.88694	.81942	.43063	.94322	.97792	.89126	.84460	.41625
.900	-1.980	.95990	1.00112	.89106	.82024	.43197	.94718	.98191	.89432	.84822	.41785
.900	-1.475	.96408	1.00604	.89475	.81985	.43351	.95086	.98580	.89751	.85094	.41953
.900	-.966	.96670	1.00951	.89760	.82105	.43455	.95364	.98873	.89959	.85251	.42069
.900	-.448	.96873	1.01279	.89878	.82059	.43457	.95500	.99072	.90101	.85304	.42160
.900	.048	.96233	1.00743	.89148	.81152	.42460	.96243	.99853	.90896	.85909	.43063
.900	.481	.96147	1.00745	.89171	.81073	.42413	.96298	.99950	.91012	.85899	.43206
.900	.997	.96010	1.00744	.89218	.80948	.42314	.96168	.99872	.90956	.85733	.43211
GRADIENT		.00632	.00799	.00506	.00154	.00101	.00853	.00905	.00725	.00700	.00484

RUN NO. 1484/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CP04
1.100	-7.006	1.02523	1.05870	.97864	.93189	.58250	1.02081	1.05169	.98843	.92876	.57605
1.100	-6.492	1.03655	1.07036	.98647	.93724	.58741	1.03107	1.06186	.99587	.94096	.57966
1.100	-5.995	1.04556	1.08002	.99313	.94192	.59056	1.04043	1.07166	1.00330	.95101	.58386
1.100	-5.492	1.05502	1.08986	1.00013	.94320	.59467	1.04870	1.08013	1.00929	.96008	.58728
1.100	-4.992	1.06351	1.09855	1.00636	.94793	.59793	1.05686	1.08846	1.01569	.96887	.59085
1.100	-4.488	1.06997	1.10535	1.01107	.94956	.60013	1.06339	1.09525	1.02070	.97487	.59374
1.100	-3.995	1.07658	1.11231	1.01613	.95315	.60276	1.06949	1.10171	1.02548	.97953	.59639
1.100	-3.496	1.08255	1.11883	1.02077	.95904	.60528	1.07532	1.10759	1.02980	.98465	.59858
1.100	-2.997	1.08720	1.12439	1.02446	.96206	.60899	1.08020	1.11298	1.03390	.98983	.60066
1.100	-2.488	1.09207	1.12988	1.02777	.96406	.60896	1.08465	1.11738	1.03714	.99346	.60221
1.100	-1.996	1.09568	1.13411	1.03153	.96474	.61032	1.08817	1.12091	1.03995	.99666	.60361
1.100	-1.487	1.09894	1.13840	1.03461	.96433	.61167	1.09102	1.12413	1.04229	.99833	.60472
1.100	-.989	1.10138	1.14172	1.03725	.96508	.61259	1.09362	1.12691	1.04440	.99978	.60594
1.100	-.486	1.10324	1.14464	1.03876	.96542	.61296	1.09472	1.12880	1.04553	1.00009	.60648
1.100	.001	1.10297	1.14565	1.03902	.96423	.61163	1.09584	1.13049	1.04731	1.00065	.60830
1.100	.513	1.10148	1.14510	1.03820	.96213	.60949	1.09735	1.13209	1.04886	1.00068	.60988
1.100	1.014	1.10076	1.14554	1.03914	.96161	.60908	1.09657	1.13172	1.04866	.99924	.60999
GRADIENT		.00641	.00807	.00560	.00236	.00204	.00664	.00722	.00548	.00513	.00307

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(SCMO49) (03 OCT 91)

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 1522/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.250	-7.001	1.09878	1.13625	1.05049	1.00128	.65039	1.09068	1.12520	1.05776	.99999	.63861
1.250	-6.485	1.10950	1.14767	1.05811	1.00758	.65488	1.10085	1.13600	1.06536	1.01138	.64284
1.250	-5.987	1.11819	1.15690	1.06449	1.00904	.65872	1.10833	1.14376	1.07087	1.01947	.64539
1.250	-5.488	1.12739	1.16650	1.07181	1.01282	.66265	1.11817	1.15389	1.07874	1.03041	.65050
1.250	-4.984	1.13411	1.17343	1.07625	1.01557	.66536	1.12382	1.15950	1.08270	1.03646	.65240
1.250	-4.486	1.13952	1.17981	1.08054	1.01714	.66708	1.12946	1.16583	1.08752	1.04210	.65524
1.250	-3.988	1.14795	1.18861	1.08731	1.02286	.67102	1.13692	1.17326	1.09320	1.04796	.65832
1.250	-3.489	1.15220	1.19379	1.09031	1.02725	.67206	1.14168	1.17848	1.09703	1.05219	.66008
1.250	-2.987	1.15841	1.20072	1.09498	1.03068	.67484	1.14782	1.18462	1.10173	1.05773	.66266
1.250	-2.483	1.16278	1.20622	1.09842	1.03250	.67692	1.15254	1.18951	1.10530	1.06151	.66475
1.250	-1.978	1.16676	1.21111	1.10229	1.03228	.67844	1.15663	1.19359	1.10843	1.06463	.66636
1.250	-1.478	1.16923	1.21448	1.10522	1.03188	.67900	1.15877	1.19625	1.11015	1.06542	.66683
1.250	-.980	1.17154	1.21791	1.10759	1.03239	.67990	1.16044	1.19861	1.11196	1.06669	.66785
1.249	-.462	1.17322	1.22031	1.10874	1.03263	.68033	1.16195	1.20069	1.11340	1.06718	.66871
1.250	.102	1.17089	1.21929	1.10736	1.02942	.67641	1.16360	1.20309	1.11570	1.06807	.67187
1.250	.502	1.16780	1.21799	1.10484	1.02561	.67223	1.16678	1.20562	1.11895	1.07008	.67656
1.250	1.009	1.16802	1.21903	1.10608	1.02527	.67190	1.16732	1.20647	1.11989	1.06981	.67731
GRADIENT		.00583	.00777	.00513	.00160	.00136	.00708	.00768	.00596	.00533	.00381

RUN NO. 1538/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.400	-7.005	1.11930	1.17225	1.07377	1.02241	.66538	1.10712	1.15585	1.08021	1.02473	.65267
1.400	-6.490	1.12981	1.18338	1.08167	1.02778	.66985	1.11728	1.16659	1.08831	1.03554	.65699
1.400	-5.987	1.13743	1.19216	1.08753	1.02697	.67218	1.12572	1.17551	1.09495	1.04583	.66022
1.400	-5.487	1.14465	1.20110	1.09381	1.03067	.67521	1.13247	1.18302	1.09969	1.05418	.66263
1.400	-4.989	1.15311	1.21072	1.10035	1.03433	.67879	1.14024	1.19192	1.10656	1.06171	.66630
1.400	-4.485	1.16000	1.21818	1.10576	1.03708	.68108	1.14684	1.19907	1.11174	1.06741	.66872
1.400	-3.993	1.16572	1.22479	1.11014	1.04129	.68305	1.15209	1.20521	1.11633	1.07183	.67063
1.400	-3.489	1.17182	1.23155	1.11418	1.04633	.68554	1.15826	1.21155	1.12107	1.07685	.67307
1.400	-2.987	1.17576	1.23656	1.11641	1.04798	.68711	1.16268	1.21656	1.12485	1.08097	.67497
1.400	-2.484	1.18034	1.24232	1.12012	1.04838	.68884	1.16748	1.22153	1.12831	1.08374	.67652
1.400	-1.981	1.18245	1.24626	1.12333	1.04747	.68911	1.16985	1.22444	1.13022	1.08552	.67689
1.400	-1.483	1.18726	1.25261	1.12875	1.04933	.69109	1.17459	1.22979	1.13433	1.08933	.67904
1.399	-.979	1.18868	1.25528	1.13019	1.04869	.69049	1.17566	1.23158	1.13510	1.08933	.67847
1.400	-.468	1.19095	1.25889	1.13299	1.05009	.69186	1.17746	1.23444	1.13740	1.09051	.68004
1.400	.091	1.18954	1.25835	1.13158	1.04679	.68881	1.18004	1.23781	1.14064	1.09216	.68390
1.400	.501	1.18699	1.25648	1.12812	1.04157	.68391	1.18405	1.24279	1.14678	1.09713	.68955
1.400	1.006	1.18428	1.25463	1.12680	1.03876	.68184	1.18215	1.24115	1.14525	1.09432	.68861
GRADIENT		.00556	.00788	.00492	.00093	.00092	.00701	.00823	.00635	.00535	.00352

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(SCMO49) (03 OCT 91)

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 1556/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CPC4
1.450	-6.956	1.11440	1.18031	1.07648	1.02529	.67182	1.09884	1.16042	1.08306	1.03138	.65658
1.450	-6.487	1.12212	1.18999	1.08295	1.02699	.67601	1.10482	1.16762	1.08758	1.03945	.65737
1.450	-5.983	1.12987	1.19907	1.08946	1.02923	.67953	1.11303	1.17670	1.09417	1.04949	.66121
1.450	-5.484	1.13622	1.20760	1.09520	1.03192	.68158	1.12023	1.18479	1.10019	1.05699	.66431
1.450	-4.980	1.14417	1.21715	1.10167	1.03516	.68459	1.12754	1.19375	1.10720	1.06393	.66798
1.450	-4.481	1.15004	1.22445	1.10689	1.03786	.68619	1.13216	1.19963	1.11138	1.06855	.66907
1.451	-3.982	1.15675	1.23216	1.11246	1.04350	.68945	1.13929	1.20844	1.11850	1.07572	.67289
1.450	-3.483	1.16160	1.23774	1.11519	1.04753	.69125	1.14426	1.21484	1.12340	1.08030	.67500
1.450	-2.979	1.16484	1.24200	1.11701	1.04772	.69240	1.14740	1.21955	1.12666	1.08295	.67580
1.450	-2.475	1.16905	1.24796	1.12191	1.04933	.69448	1.15236	1.22533	1.13113	1.08705	.67847
1.449	-1.969	1.17114	1.25294	1.12552	1.04898	.69427	1.15413	1.22784	1.13187	1.08756	.67776
1.450	-1.466	1.17592	1.25914	1.13020	1.04963	.69532	1.15840	1.23273	1.13487	1.09022	.67907
1.450	-.954	1.18118	1.26541	1.13432	1.05017	.69629	1.16325	1.24047	1.14018	1.09324	.68088
1.449	-.423	1.18086	1.26520	1.13407	1.05017	.69726	1.16317	1.24392	1.14741	1.09999	.68223
1.450	-.081	1.17265	1.26049	1.12610	1.04132	.68768	1.17162	1.24532	1.14990	1.10067	.69435
1.450	.477	1.17345	1.26393	1.12860	1.04038	.68565	1.17405	1.24844	1.15083	1.10166	.69532
1.451	.445	1.17419	1.26449	1.12892	1.04096	.68623	1.17509	1.24942	1.15180	1.10086	.69582
1.450	.987	1.17281	1.26350	1.12923	1.03956	.68562	1.17423	1.25010	.00731	.00603	.00461
	GRADIENT	.00478	.00793	.00457	.00031	.00004	.00797	.00943			

RUN NO. 1640/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CPC4
1.471	-6.954	1.08163	1.16057	1.05652	1.00623	.65532	1.06553	1.14334	1.06527	1.01480	.63848
1.485	-6.486	1.08858	1.17141	1.06388	1.00708	.66025	1.07251	1.15273	1.07207	1.02451	.64096
1.484	-5.987	1.09682	1.18102	1.07035	1.00898	.66347	1.07972	1.16166	1.07809	1.03502	.64317
1.471	-5.489	1.10499	1.19042	1.07678	1.01347	.66583	1.08868	1.17246	1.08651	1.04528	.64763
1.485	-4.985	1.10944	1.19724	1.08181	1.01566	.66883	1.09244	1.17787	1.09024	1.04969	.64901
1.470	-4.486	1.11498	1.20399	1.08620	1.01840	.67017	1.09771	1.18402	1.09465	1.05380	.65110
1.484	-3.982	1.12088	1.21162	1.09156	1.02336	.67252	1.10288	1.19037	1.09929	1.05828	.65347
1.470	-3.489	1.12679	1.21876	1.09481	1.02762	.67431	1.10808	1.19666	1.10408	1.06191	.65574
1.471	-2.980	1.13082	1.22395	1.09745	1.02833	.67586	1.11288	1.20193	1.10834	1.06603	.65835
1.470	-2.476	1.13180	1.22831	1.10076	1.02786	.67664	1.11349	1.20375	1.10948	1.06747	.65929
1.470	-1.976	1.13562	1.23350	1.10546	1.02902	.67882	1.11666	1.20694	1.11193	1.06965	.66057
1.485	-1.469	1.13745	1.23714	1.10792	1.02881	.67952	1.11811	1.21030	1.11392	1.07135	.66138
1.484	-.958	1.13938	1.24038	1.11000	1.02926	.68043	1.11943	1.21366	1.11601	1.07255	.66223
1.470	-.438	1.14081	1.24241	1.11166	1.02905	.68036	1.12083	1.21532	1.11688	1.07228	.66255
1.470	-.080	1.13207	1.23966	1.10504	1.02036	.68332	1.12063	1.22403	1.12694	1.08083	.67656
1.470	.487	1.13088	1.23858	1.10414	1.01751	.66562	1.13176	1.22445	1.12739	1.07993	.67767
1.470	.997	1.13189	1.23978	1.10590	1.01745	.66581	1.13318	1.22615	1.12887	1.08008	.67856
	GRADIENT	.00361	.00723	.00412	.00004	-.00027	.00641	.00786	.00622	.00497	.00474

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(SCMO49) (03 OCT 91)

PARAMETRIC DATA

BETA = .000 PHI = 180.000												
GRADIENT INTERVAL = -5.00/ 5.00												
RN/L = 2.50												
RUN NO.	1591/	0	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
MACH	1.492	1.03571	1.15398	1.04671	1.05052	1.01666	1.13518	1.01039	1.05735	1.01039	1.01039	1.01039
1.492	1.03885	1.16440	1.05389	1.05389	1.05389	1.01666	1.13518	1.01039	1.05735	1.01039	1.01039	1.01039
1.492	1.04140	1.17358	1.06036	1.06036	1.06036	1.01666	1.13518	1.01039	1.05735	1.01039	1.01039	1.01039
1.492	1.03916	1.18113	1.06467	1.06467	1.06467	1.01666	1.13518	1.01039	1.05735	1.01039	1.01039	1.01039
1.492	1.03975	1.18954	1.07084	1.07084	1.07084	1.01666	1.13518	1.01039	1.05735	1.01039	1.01039	1.01039
1.493	1.03985	1.19777	1.07650	1.07650	1.07650	1.01666	1.13518	1.01039	1.05735	1.01039	1.01039	1.01039
1.493	1.04036	1.20558	1.08073	1.08073	1.08073	1.01666	1.13518	1.01039	1.05735	1.01039	1.01039	1.01039
1.493	1.03870	1.21296	1.08366	1.08366	1.08366	1.01666	1.13518	1.01039	1.05735	1.01039	1.01039	1.01039
1.493	1.03364	1.21772	1.08651	1.08651	1.08651	1.01666	1.13518	1.01039	1.05735	1.01039	1.01039	1.01039
1.492	1.02793	1.22173	1.08943	1.08943	1.08943	1.01666	1.13518	1.01039	1.05735	1.01039	1.01039	1.01039
1.493	1.02580	1.22626	1.09335	1.09335	1.09335	1.01666	1.13518	1.01039	1.05735	1.01039	1.01039	1.01039
1.492	1.02348	1.22864	1.09520	1.09520	1.09520	1.01666	1.13518	1.01039	1.05735	1.01039	1.01039	1.01039
1.493	1.01831	1.23251	1.09809	1.09809	1.09809	1.01666	1.13518	1.01039	1.05735	1.01039	1.01039	1.01039
1.492	1.01603	1.23634	1.10035	1.10035	1.10035	1.01666	1.13518	1.01039	1.05735	1.01039	1.01039	1.01039
1.492	1.00430	1.23130	1.09203	1.09203	1.09203	1.01666	1.13518	1.01039	1.05735	1.01039	1.01039	1.01039
1.492	1.00897	1.23127	1.09292	1.09292	1.09292	1.01666	1.13518	1.01039	1.05735	1.01039	1.01039	1.01039
1.493	1.01029	1.23150	1.09403	1.09403	1.09403	1.01666	1.13518	1.01039	1.05735	1.01039	1.01039	1.01039
GRADIENT	-.00637	.00697	.00384	.00014	.00009	-.00294	.00819	.00447	.00583	.00447	.00447	.00404

GRADIENT INTERVAL = -5.00/ 5.00												
RN/L = 2.49												
RUN NO.	1607/	0	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
MACH	1.515	.92849	1.15374	1.04693	1.05302	.90822	1.13209	1.01034	1.05436	1.01034	1.01034	1.01034
1.514	.92037	1.16409	1.05351	1.05351	1.05351	.90822	1.13209	1.01034	1.05436	1.01034	1.01034	1.01034
1.515	.91566	1.17568	1.06124	1.06124	1.06124	.90822	1.13209	1.01034	1.05436	1.01034	1.01034	1.01034
1.515	.91300	1.18580	1.06694	1.06694	1.06694	.90822	1.13209	1.01034	1.05436	1.01034	1.01034	1.01034
1.515	.91100	1.19336	1.07086	1.07086	1.07086	.90822	1.13209	1.01034	1.05436	1.01034	1.01034	1.01034
1.514	.90491	1.20027	1.07459	1.07459	1.07459	.90822	1.13209	1.01034	1.05436	1.01034	1.01034	1.01034
1.515	.89657	1.20701	1.07651	1.07651	1.07651	.90822	1.13209	1.01034	1.05436	1.01034	1.01034	1.01034
1.515	.88516	1.21814	1.08262	1.08262	1.08262	.90822	1.13209	1.01034	1.05436	1.01034	1.01034	1.01034
1.514	.87674	1.22290	1.08468	1.08468	1.08468	.90822	1.13209	1.01034	1.05436	1.01034	1.01034	1.01034
1.515	.87881	1.23310	1.09213	1.09213	1.09213	.90822	1.13209	1.01034	1.05436	1.01034	1.01034	1.01034
1.514	.87366	1.23876	1.09564	1.09564	1.09564	.90822	1.13209	1.01034	1.05436	1.01034	1.01034	1.01034
1.514	.86849	1.24252	1.09817	1.09817	1.09817	.90822	1.13209	1.01034	1.05436	1.01034	1.01034	1.01034
1.515	.87054	1.24827	1.10318	1.10318	1.10318	.90822	1.13209	1.01034	1.05436	1.01034	1.01034	1.01034
1.514	.86617	1.25151	1.10463	1.10463	1.10463	.90822	1.13209	1.01034	1.05436	1.01034	1.01034	1.01034
1.515	.85525	1.24626	1.09636	1.09636	1.09636	.90822	1.13209	1.01034	1.05436	1.01034	1.01034	1.01034
1.515	.85349	1.24554	1.09610	1.09610	1.09610	.90822	1.13209	1.01034	1.05436	1.01034	1.01034	1.01034
1.515	.85232	1.24586	1.09666	1.09666	1.09666	.90822	1.13209	1.01034	1.05436	1.01034	1.01034	1.01034
GRADIENT	-.00942	.00951	.00500	.00013	-.00005	-.00431	.01147	.00779	.00597	.00779	.00597	.00449

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(SCM049) (03 OCT 91)

PARAMETRIC DATA

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CP03	CPL	CPC10	CPC11	CPC12	CP04
1.542	-6.954	.75951	1.15568	1.04342	.99073	.64817	.73934	1.13724	1.05535	1.01373	.63943
1.542	-6.491	.76062	1.16674	1.04798	.99437	.65138	.74406	1.14716	1.06199	1.02150	.64184
1.542	-5.987	.76339	1.17889	1.05403	1.00053	.65572	.74646	1.15884	1.06939	1.02869	.64478
1.542	-5.489	.76645	1.19040	1.05733	1.00243	.65795	.75004	1.17018	1.07534	1.03540	.64695
1.541	-4.990	.77045	1.20169	1.06095	1.00383	.65999	.75480	1.18193	1.08087	1.04202	.64928
1.541	-4.487	.77853	1.21484	1.06661	1.00593	.66244	.76343	1.19474	1.08645	1.04805	.65166
1.541	-3.983	.79241	1.22937	1.07304	1.00878	.66507	.77804	1.21068	1.09309	1.05474	.65443
1.542	-3.485	.82092	1.24926	1.08149	1.01296	.66668	.80734	1.23273	1.09920	1.06086	.65592
1.541	-2.982	.86961	1.28054	1.09112	1.01671	.66779	.85821	1.23967	1.10712	1.06585	.65697
1.541	-2.478	.89574	1.29167	1.09765	1.01757	.66908	.88566	1.20408	1.11378	1.06820	.65829
1.541	-1.978	.91408	1.28831	1.10398	1.01922	.67097	.90354	1.17381	1.11695	1.06879	.65950
1.541	-1.472	.92765	1.27397	1.10862	1.02027	.67160	.91813	1.14807	1.11802	1.06787	.66008
1.541	-.962	.94241	1.25624	1.11366	1.02185	.67294	.93201	1.13098	1.11852	1.06659	.66117
1.541	-.441	.95312	1.23980	1.11725	1.02255	.67310	.94144	1.11859	1.11814	1.06490	.66199
1.541	.142	.96075	1.21179	1.11823	1.02000	.67063	.95372	1.11651	1.12235	1.06721	.66828
1.541	.478	.95945	1.17369	1.10987	1.01177	.66557	.96397	1.13616	1.13389	1.07616	.67054
1.541	.996	.95847	1.17093	1.10982	1.01007	.66510	.96273	1.13517	1.13457	1.07572	.67065
1.542	GRADIENT	.03594	-.00599	.00937	.00170	.00112	.03870	-.01722	.00830	.00442	.00335

BETA =

.000

PHI =

180.000

5.00

GRADIENT INTERVAL =

-5.00/

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(SCM050) (03 OCT 91)

PARAMETRIC DATA

BETA = .500 PHI = 180.000

RUN NO. 1576/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CP03	CPL	CPC10	CPC11	CPC12	CPO4
.599	-6.980	.74657	.78594	.70535	.65805	.28283	.71203	.74926	.68160	.61049	.23476
.600	-6.468	.76188	.80080	.71680	.66569	.28934	.72656	.76335	.69260	.63095	.24153
.600	-5.967	.77612	.81468	.72619	.67280	.29452	.74058	.77663	.70272	.64636	.24729
.600	-5.464	.78751	.82556	.73382	.67736	.29871	.75202	.78711	.71047	.65685	.25172
.600	-4.966	.80031	.83807	.74350	.68211	.30472	.76475	.79906	.71986	.66978	.25735
.600	-4.462	.80858	.84648	.74895	.68476	.30809	.77335	.80753	.72612	.67744	.26157
.600	-3.951	.81610	.85438	.75447	.68855	.31094	.78050	.81454	.73098	.68230	.26378
.600	-3.448	.82558	.86411	.76203	.69637	.31473	.79035	.82425	.73848	.69011	.26814
.601	-2.937	.83169	.87039	.76660	.70072	.31760	.79682	.82977	.74307	.69578	.27144
.600	-2.431	.83754	.87712	.77072	.70323	.31922	.80185	.83533	.74722	.70018	.27263
.600	-1.912	.84450	.88501	.77776	.70679	.32181	.80880	.84229	.75306	.70627	.27541
.601	-1.462	.84748	.88800	.77981	.70581	.32301	.81237	.84521	.75560	.70862	.27834
.601	-1.392	.84746	.88912	.77981	.70327	.32135	.81318	.84660	.75590	.70790	.27854
.600	-1.299	.84967	.89234	.78103	.70277	.31951	.81897	.85214	.76074	.71095	.28138
.600	-.254	.84598	.88984	.77654	.69586	.31283	.82307	.85665	.76535	.71358	.28586
.600	.670	.84152	.88634	.77235	.69100	.30847	.82462	.85885	.76785	.71476	.29020
.600	1.102	.83940	.88573	.77249	.68987	.30780	.82340	.85802	.76760	.71371	.29078
	GRADIENT	.00678	.00814	.00505	.00144	.00058	.00971	.00969	.00784	.00717	.00525

RUN NO. 1466/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CP03	CPL	CPC10	CPC11	CPC12	CPO4
.800	-6.986	.83184	.87021	.78531	.73527	.34954	.80020	.83489	.76553	.69983	.30467
.800	-6.478	.84505	.88358	.79485	.74226	.35526	.81290	.84785	.77543	.71575	.31095
.800	-5.974	.85641	.89484	.80262	.74784	.35900	.82373	.85874	.78346	.72707	.31512
.800	-5.470	.86837	.90672	.81120	.75153	.36413	.83580	.87014	.79187	.73943	.32079
.800	-4.971	.87770	.91619	.81728	.75549	.36787	.84466	.87918	.79861	.74872	.32458
.800	-4.471	.88610	.92480	.82357	.75808	.37128	.85331	.88755	.80487	.75548	.32823
.800	-3.969	.89410	.93329	.82973	.76279	.37487	.86137	.89581	.81125	.76194	.33216
.800	-3.461	.90078	.94066	.83530	.76903	.37742	.86867	.90331	.81686	.76806	.33548
.800	-2.954	.90680	.94731	.84002	.77319	.37986	.87478	.90939	.82163	.77338	.33811
.800	-2.449	.91199	.95316	.84354	.77536	.38148	.88008	.91472	.82561	.77742	.34001
.800	-1.938	.91620	.95845	.84812	.77663	.38363	.88426	.91933	.82925	.78149	.34256
.800	-1.424	.91960	.96281	.85156	.77672	.38406	.88828	.92277	.83210	.78489	.34363
.800	-.900	.92288	.96693	.85431	.77680	.38452	.89157	.92665	.83461	.78672	.34506
.800	-.362	.92400	.96925	.85465	.77562	.38415	.89431	.93014	.83785	.78873	.34851
.800	.178	.92143	.96780	.85204	.77072	.37896	.89642	.93204	.83962	.78870	.34981
.800	.628	.91901	.96646	.84994	.76718	.37555	.89886	.93559	.84315	.79066	.35425
.800	1.084	.91712	.96561	.85001	.76617	.37450	.89768	.93461	.84285	.78943	.35470
	GRADIENT	.00668	.00838	.00552	.00183	.00118	.00867	.00905	.00717	.00671	.00472

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(SCM050) (03 OCT 91)

PARAMETRIC DATA

RUN NO. 1500/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00 BETA = .500 PHI = 180.000

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
.900	-6.987	.89115	.92802	.84399	.79416	.41405	.86052	.89403	.82477	.76185	.37073
.900	-6.472	.90315	.94041	.85269	.80043	.41903	.87271	.90636	.83428	.77593	.37672
.900	-5.967	.91381	.95094	.86591	.80555	.42242	.88355	.91726	.84261	.78711	.38170
.900	-5.466	.92449	.96186	.87750	.80757	.42736	.89313	.92653	.84933	.79733	.38538
.900	-4.970	.93320	.97080	.87366	.81264	.43058	.90216	.93578	.85607	.80680	.38964
.900	-4.463	.94135	.97946	.87982	.81521	.43413	.90997	.94374	.86219	.81367	.39321
.900	-3.959	.94842	.98682	.88509	.81922	.43694	.91697	.95083	.86740	.81906	.39618
.900	-3.459	.95457	.99382	.89024	.82544	.43959	.92350	.95722	.87221	.82434	.39894
.900	-2.950	.95974	1.00002	.89454	.82846	.44117	.92884	.96319	.87657	.83022	.40070
.900	-2.443	.96455	1.00573	.89804	.83060	.44335	.93363	.96823	.88071	.83450	.40307
.900	-1.934	.96876	1.01087	.90286	.83208	.44510	.93809	.97237	.88372	.83783	.40496
.900	-1.413	.97270	1.01573	.90669	.83265	.44703	.94532	.97648	.88710	.84123	.40707
.900	-.887	.97555	1.01924	.90902	.83265	.44703	.94532	.98008	.88987	.84280	.40883
.900	-.348	.97588	1.02068	.90864	.83046	.44524	.94748	.98277	.89194	.84400	.41067
.900	.191	.97477	1.02073	.90748	.82717	.44172	.95103	.98612	.89531	.84561	.41373
.900	.635	.97088	1.01818	.90435	.82258	.43729	.95194	.98817	.89730	.84627	.41679
.900	1.081	.96930	1.01747	.90441	.82172	.43622	.95056	.98717	.89674	.84474	.41676
GRADIENT		.00618	.00796	.00528	.00160	.00109	.00808	.00851	.00671	.00633	.00437

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.100	-7.003	1.03431	1.06794	.98880	.94154	.59432	1.01214	1.04326	.97886	.92151	.56435
1.100	-6.483	1.04490	1.07911	.99876	.94738	.59894	1.02197	1.05334	.98630	.93212	.56813
1.100	-5.988	1.05449	1.08927	1.00352	.95232	.60235	1.03209	1.06331	.99392	.94220	.57229
1.100	-5.481	1.06354	1.09833	1.01002	.95360	.60582	1.04029	1.07168	1.00004	.95161	.57540
1.100	-4.986	1.07191	1.10714	1.01612	.95843	.60951	1.04843	1.08002	1.00643	.96024	.57937
1.100	-4.483	1.07861	1.11429	1.02136	.96025	.61196	1.05502	1.08678	1.01122	.96610	.58214
1.100	-3.989	1.08476	1.12088	1.02626	.96378	.61427	1.06097	1.09287	1.01572	.97066	.58446
1.100	-3.481	1.09093	1.12762	1.03073	.96968	.61699	1.06684	1.09880	1.02024	.97566	.58676
1.100	-2.976	1.09617	1.13365	1.03509	.97284	.61921	1.07202	1.10432	1.02432	.98037	.58869
1.100	-2.479	1.10018	1.13850	1.03821	.97446	.62103	1.07632	1.10875	1.02772	.98464	.59067
1.100	-1.976	1.10417	1.14340	1.04262	.97622	.62271	1.08023	1.11275	1.03073	.98715	.59209
1.100	-1.464	1.10671	1.14675	1.04525	.97574	.62315	1.08305	1.11535	1.03269	.98899	.59302
1.100	-.968	1.10932	1.15034	1.04775	.97626	.62385	1.08544	1.11843	1.03494	.99037	.59455
1.100	-.460	1.11055	1.15240	1.04820	.97489	.62309	1.08684	1.12043	1.03635	.99108	.59564
1.100	.051	1.11122	1.15411	1.04911	.97430	.62261	1.08793	1.12138	1.03719	.99087	.59609
1.100	.536	1.11035	1.15442	1.04905	.97278	.62104	1.08807	1.12199	1.03756	.98977	.59639
1.100	1.029	1.10883	1.15412	1.04946	.97224	.62060	1.08677	1.12135	1.03712	.98832	.59648
GRADIENT		.00632	.00800	.00563	.00231	.00192	.00653	.00698	.00521	.00479	.00286

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(SCM050) (03 OCT 91)

PARAMETRIC DATA

RUN NO. 1523/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00 BETA = .500 PHI = 180.000

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.250	-6.991	1.10837	1.14571	1.06093	1.01222	.66260	1.08203	1.11694	1.04837	.99226	.62749
1.250	-6.474	1.11838	1.15694	1.06871	1.01775	.66723	1.09101	1.12654	1.05530	1.00183	.63080
1.250	-5.978	1.12850	1.16725	1.07581	1.02114	.67122	1.10059	1.13615	1.06203	1.01205	.63447
1.250	-5.471	1.13681	1.17573	1.08203	1.02370	.67478	1.10905	1.14437	1.06841	1.02145	.63852
1.250	-4.973	1.14261	1.18230	1.08634	1.02569	.67659	1.11528	1.15113	1.07318	1.02794	.64148
1.250	-4.471	1.15012	1.19049	1.09238	1.02928	.67991	1.12225	1.15821	1.07882	1.03416	.64453
1.250	-3.966	1.15686	1.19788	1.09757	1.03379	.68268	1.12843	1.16445	1.08346	1.03895	.64704
1.250	-3.462	1.16199	1.20390	1.10180	1.03898	.68489	1.13406	1.17061	1.08819	1.04420	.64965
1.250	-2.958	1.16661	1.20946	1.10557	1.04117	.68667	1.13917	1.17577	1.09186	1.04860	.65167
1.250	-2.451	1.17106	1.21486	1.10887	1.04291	.68861	1.14346	1.18005	1.09503	1.05150	.65313
1.250	-1.948	1.17486	1.21973	1.11330	1.04388	.68997	1.14764	1.18459	1.09831	1.05441	.65488
1.250	-1.431	1.17750	1.22320	1.11585	1.04293	.69057	1.15029	1.18759	1.10057	1.05620	.65606
1.250	-9.16	1.18022	1.22673	1.11779	1.04279	.69106	1.15309	1.19089	1.10318	1.05823	.65787
1.250	-390	1.18076	1.22798	1.11795	1.04184	.69008	1.15494	1.19320	1.10498	1.05911	.65935
1.250	.145	1.17932	1.22758	1.11713	1.03927	.68680	1.15642	1.19444	1.10607	1.05876	.66044
1.250	.609	1.17829	1.22835	1.11715	1.03751	.68480	1.15861	1.19722	1.10901	1.06025	.66402
1.250	1.071	1.17672	1.22815	1.11720	1.03656	.68390	1.15757	1.19635	1.10837	1.05885	.66424
GRADIENT		.00569	.00756	.00505	.00151	.00120	.00698	.00749	.00575	.00502	.00359

RUN NO. 1539/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.400	-6.992	1.13029	1.18251	1.08544	1.03377	.67749	1.09893	1.14794	1.07131	1.01745	.64237
1.400	-6.480	1.13941	1.19311	1.09255	1.03781	.68166	1.10708	1.15687	1.07757	1.02666	.64492
1.400	-5.979	1.14847	1.20300	1.09944	1.03951	.68503	1.11648	1.16629	1.08468	1.03773	.64859
1.400	-5.471	1.15561	1.21210	1.10579	1.04276	.68801	1.12387	1.17454	1.09078	1.04651	.65192
1.400	-4.975	1.16219	1.21974	1.11082	1.04434	.69000	1.13061	1.18183	1.09615	1.05218	.65431
1.400	-4.472	1.16983	1.22832	1.11718	1.04870	.69342	1.13763	1.18978	1.10146	1.05798	.65738
1.400	-3.973	1.17538	1.23489	1.12115	1.05274	.69523	1.14281	1.19611	1.10623	1.06283	.65928
1.400	-3.464	1.18121	1.24116	1.12509	1.05738	.69739	1.14881	1.20225	1.11063	1.06744	.66130
1.400	-2.966	1.18515	1.24607	1.12733	1.05851	.69925	1.15316	1.20688	1.11416	1.07035	.66313
1.400	-2.460	1.18869	1.25121	1.13136	1.06009	.70031	1.15759	1.21183	1.11775	1.07332	.66440
1.399	-1.949	1.19234	1.25656	1.13627	1.06078	.70158	1.16121	1.21570	1.12056	1.07613	.66569
1.400	-1.439	1.19579	1.26202	1.14051	1.06054	.70281	1.16439	1.21964	1.12336	1.07877	.66725
1.400	-.921	1.19840	1.26544	1.14231	1.06041	.70284	1.16764	1.22309	1.12549	1.08017	.66843
1.399	-.399	1.19777	1.26623	1.14206	1.05868	.70146	1.16840	1.22515	1.12710	1.08069	.66976
1.400	.130	1.19778	1.26694	1.14161	1.05635	.69951	1.17079	1.22785	1.12983	1.08200	.67217
1.400	.600	1.19680	1.26661	1.14066	1.05353	.69671	1.17320	1.23129	1.13383	1.08435	.67567
1.400	1.059	1.19484	1.26581	1.14037	1.05193	.69530	1.17192	1.23071	1.13334	1.08292	.67583
GRADIENT		.00546	.00782	.00506	.00100	.00095	.00685	.00798	.00604	.00496	.00337

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(SCM050) (03 OCT 91)

PARAMETRIC DATA

RUN NO. 1557/ 0		RN/L = 2.50		GRADIENT INTERVAL = -5.00/ 5.00		BETA =		.500		PHI = 180.000	
MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.450	-6.981	1.12423	1.19046	1.08794	1.03624	.68454	1.08694	1.14797	1.07011	1.02002	.64255
1.450	-6.463	1.13274	1.20012	1.09388	1.03818	.68795	1.09498	1.15843	1.07750	1.03111	.64627
1.450	-5.961	1.13869	1.20785	1.09944	1.03896	.69005	1.10200	1.16638	1.08297	1.04030	.64878
1.450	-5.458	1.14796	1.21894	1.10810	1.04511	.69478	1.11049	1.17560	1.08998	1.04858	.65267
1.450	-4.955	1.15378	1.22718	1.11332	1.04641	.69646	1.11680	1.18354	1.09581	1.05399	.65564
1.450	-4.450	1.16024	1.23502	1.11868	1.05002	.69874	1.12180	1.19014	1.10035	1.05877	.65694
1.450	-3.950	1.16661	1.24162	1.12369	1.05514	.70135	1.12854	1.19794	1.10708	1.06532	.66062
1.450	-3.448	1.17179	1.24746	1.12667	1.05847	.70325	1.13380	1.20458	1.11206	1.06949	.66250
1.450	-2.937	1.17613	1.25258	1.13006	1.06066	.70568	1.13870	1.21088	1.11723	1.07392	.66470
1.450	-2.426	1.17810	1.25730	1.13353	1.06131	.70817	1.14127	1.21469	1.11961	1.07653	.66537
1.450	-1.907	1.18186	1.26417	1.13969	1.06284	.70762	1.14516	1.21926	1.12303	1.07973	.66725
1.450	-1.390	1.18567	1.27031	1.14473	1.06146	.70861	1.14850	1.22309	1.12506	1.08138	.66806
1.450	-.856	1.19001	1.27418	1.14938	1.05919	.70714	1.15604	1.23157	1.13101	1.08526	.67139
1.450	-.307	1.19006	1.27415	1.14398	1.05919	.70352	1.15930	1.23397	1.13272	1.08516	.67521
1.449	.240	1.18670	1.27237	1.14106	1.05455	.70021	1.16249	1.23740	1.13728	1.08798	.68034
1.450	.659	1.18462	1.27391	1.14020	1.05116	.69826	1.16146	1.23667	1.13728	1.08652	.68025
1.449	1.098	1.18253	1.27424	1.14147	1.05102	.00051	.00749	.00883	.00667	.00528	.00388
	GRADIENT	.00500	.00790	.00469	.00038	.00051	.00749	.00883	.00667	.00528	.00388

RUN NO. 1642/ 0		RN/L = 2.49		GRADIENT INTERVAL = -5.00/ 5.00		BETA =		.500		PHI = 180.000	
MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.470	-6.982	1.09288	1.17108	1.06871	1.01845	.66979	1.05558	1.13267	1.05410	1.00501	.62665
1.471	-6.469	1.10071	1.18253	1.07658	1.02034	.67327	1.06216	1.14241	1.06091	1.01531	.62903
1.471	-5.968	1.10715	1.19121	1.08194	1.02075	.67528	1.06970	1.15262	1.06811	1.02692	.63232
1.470	-5.465	1.11535	1.20029	1.08804	1.02509	.67860	1.07736	1.16179	1.07474	1.03488	.63475
1.470	-4.967	1.12173	1.20828	1.09426	1.02826	.68131	1.08425	1.16972	1.08110	1.04131	.63859
1.471	-4.458	1.12673	1.21557	1.09936	1.03170	.68334	1.08911	1.17612	1.08586	1.04636	.64066
1.470	-3.957	1.13133	1.22160	1.10302	1.03558	.68417	1.09331	1.18095	1.08906	1.04892	.64173
1.470	-3.451	1.13550	1.22750	1.10567	1.03859	.68537	1.09754	1.18652	1.09311	1.05155	.64359
1.470	-2.941	1.14070	1.23348	1.10927	1.04045	.68807	1.10307	1.19260	1.09802	1.05650	.64607
1.470	-2.436	1.14320	1.23919	1.11393	1.04135	.68976	1.10536	1.19598	1.10063	1.05919	.64771
1.470	-1.920	1.14552	1.24341	1.11727	1.04074	.69140	1.10685	1.19880	1.10222	1.06092	.64973
1.470	-1.399	1.14760	1.24675	1.11956	1.04020	.69221	1.10880	1.20185	1.10383	1.06220	.65074
1.470	-.872	1.14846	1.24850	1.12077	1.03984	.69217	1.10992	1.20475	1.10553	1.06311	.65352
1.470	-.328	1.14879	1.25100	1.12297	1.04038	.69166	1.11221	1.20744	1.10844	1.06490	.65662
1.470	.219	1.14740	1.25210	1.12202	1.03606	.68620	1.11677	1.21078	1.11192	1.06660	.65862
1.470	.650	1.14345	1.25039	1.11883	1.03113	.68137	1.11974	1.21360	1.11525	1.06839	.66462
1.470	1.096	1.14248	1.24938	1.11833	1.02954	.67957	1.12066	1.21439	1.11606	1.06795	.66442
	GRADIENT	.00357	.00699	.00429	.00011	.00020	.00565	.00717	.00550	.00426	.00411

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(SCM050) (03 OCT 91)

PARAMETRIC DATA

BETA = .500 PHI = 180.000

RUN NO. 1592/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CP04
1.492	-6.987	1.04734	1.16467	1.05864	1.00819	.66298	1.00676	1.12478	1.04598	1.00065	.62381
1.493	-6.470	1.05035	1.17437	1.06526	1.00836	.66606	1.01022	1.13411	1.05306	1.01138	.62717
1.493	-5.968	1.05329	1.18370	1.07158	1.01068	.66936	1.01242	1.14360	1.06006	1.02222	.63037
1.492	-5.466	1.05328	1.19260	1.07760	1.01466	.67264	1.01110	1.15161	1.06580	1.02917	.63281
1.492	-4.964	1.05358	1.20106	1.08377	1.01766	.67543	1.01127	1.15956	1.07185	1.03588	.63634
1.493	-4.460	1.05230	1.20863	1.08885	1.02101	.67711	1.01032	1.16599	1.07621	1.03926	.63835
1.492	-3.960	1.05196	1.21606	1.09281	1.02580	.67875	1.00967	1.17185	1.08027	1.04170	.64011
1.493	-3.453	1.05121	1.22346	1.09585	1.02866	.68144	1.00842	1.17895	1.08564	1.04691	.64312
1.492	-2.949	1.04664	1.22823	1.09837	1.02838	.68250	1.00367	1.18375	1.08846	1.04984	.64419
1.492	-2.440	1.04217	1.23225	1.10168	1.02789	.68369	1.00010	1.18853	1.09102	1.05245	.64576
1.493	-1.925	1.04091	1.23651	1.10579	1.02885	.68580	.99854	1.19290	1.09384	1.05517	.64782
1.492	-1.405	1.03493	1.23854	1.10728	1.02816	.68546	.99325	1.19538	1.09493	1.05572	.64809
1.493	-.882	1.03209	1.24193	1.10958	1.02816	.68543	.99049	1.19768	1.09670	1.05651	.64941
1.493	-.341	1.02865	1.24527	1.11077	1.02721	.68330	.98864	1.19962	1.09902	1.05772	.65119
1.493	.206	1.02581	1.24561	1.10982	1.02395	.67914	.99152	1.20248	1.10238	1.05964	.65446
1.492	.634	1.02397	1.24353	1.10753	1.01995	.67507	.99653	1.20538	1.10467	1.06011	.65793
1.493	1.089	1.02649	1.24300	1.10801	1.01929	.67487	1.00199	1.20729	1.10633	1.06033	.66005
GRADIENT		-.00553	.00693	.00409	-.00008	.00002	-.00314	.00755	.00536	.00400	.00359

RUN NO. 1608/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CP04
1.515	-6.987	.94244	1.16532	1.05969	1.01073	.68557	.89661	1.12269	1.04391	1.00215	.62456
1.515	-6.470	.93361	1.17528	1.06575	1.01190	.68793	.88855	1.13194	1.05046	1.01280	.62750
1.515	-5.968	.93009	1.18625	1.07316	1.01423	.67101	.88371	1.14090	1.05680	1.02291	.63034
1.516	-5.466	.92977	1.19839	1.08089	1.01816	.67545	.88243	1.15112	1.06415	1.03107	.63437
1.515	-4.968	.92680	1.20460	1.08435	1.01981	.67708	.88009	1.15906	1.07007	1.03585	.63673
1.515	-4.465	.91927	1.21116	1.08807	1.02313	.67929	.87213	1.16571	1.07462	1.03853	.63847
1.515	-3.955	.91095	1.21992	1.09178	1.02821	.68218	.86289	1.17379	1.08030	1.04353	.64140
1.516	-3.454	.90023	1.22732	1.09476	1.02918	.68362	.85297	1.18070	1.08422	1.04737	.64280
1.514	-2.949	.89152	1.23447	1.09950	1.02960	.68409	.84625	1.18789	1.08781	1.05060	.64351
1.516	-2.440	.89282	1.24347	1.10625	1.03188	.68696	.84789	1.19599	1.09272	1.05505	.64642
1.515	-1.930	.88837	1.24852	1.10936	1.03210	.68765	.84377	1.20193	1.09539	1.05733	.64719
1.516	-1.407	.88237	1.25248	1.11239	1.03291	.68843	.83836	1.20709	1.09817	1.05928	.64853
1.516	-.878	.87685	1.25695	1.11553	1.03377	.68846	.83349	1.21071	1.10091	1.06050	.65051
1.516	-.340	.87630	1.26029	1.11629	1.03190	.68743	.83513	1.21312	1.10410	1.06190	.65397
1.515	.205	.87328	1.26021	1.11337	1.02634	.68170	.83947	1.21550	1.10872	1.06450	.65763
1.516	.644	.86625	1.25854	1.11278	1.02406	.67720	.84354	1.22029	1.11259	1.06668	.66147
1.516	1.094	.86536	1.25597	1.11142	1.02159	.67593	.84627	1.22167	1.11289	1.06577	.66158
GRADIENT		-.00962	.00924	.00511	.00028	.00003	-.00568	.01041	.00700	.00507	.00407

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(SCM050) (03 OCT 91)

PARAMETRIC DATA

MACH		ALPHA		CPR		CPC7		CPC8		CPC9		CPO3		CPL		CPC10		CPC11		CPC12		CPO4	
1.542		-6.986		.77194		1.16636		1.05678		1.00407		.66109		.72902		1.12722		1.04439		1.00497		.62801	
1.541		-6.469		.77361		1.17714		1.06129		1.00614		.66377		.73232		1.13858		1.05165		1.01228		.63045	
1.542		-5.968		.77656		1.18888		1.06653		1.01253		.66774		.73526		1.15063		1.05927		1.01991		.63360	
1.541		-5.466		.77856		1.19961		1.06949		1.01443		.66988		.73851		1.16156		1.06443		1.02601		.63518	
1.541		-4.968		.78284		1.21076		1.07383		1.01598		.67265		.74466		1.17466		1.07097		1.03340		.63879	
1.542		-4.465		.79054		1.22347		1.07964		1.01847		.67550		.75305		1.18779		1.07648		1.03923		.64065	
1.542		-3.954		.80340		1.23785		1.08613		1.02139		.67792		.76729		1.20328		1.08243		1.04519		.64304	
1.541		-3.453		.82820		1.25428		1.09288		1.02417		.67878		.79466		1.22281		1.08861		1.05113		.64450	
1.541		-2.950		.87509		1.28468		1.10238		1.02838		.68027		.84498		1.21707		1.09741		1.05644		.64561	
1.541		-2.440		.90196		1.30432		1.10934		1.02984		.68200		.87421		1.17597		1.10413		1.05858		.64756	
1.542		-1.925		.91876		1.31101		1.11525		1.03052		.68319		.89154		1.13985		1.10641		1.05827		.64859	
1.542		-1.412		.93391		1.30798		1.11994		1.03162		.68424		.90758		1.11619		1.10601		1.05650		.65022	
1.541		-.882		.94555		1.29561		1.12368		1.03199		.68360		.91979		1.09981		1.10387		1.05330		.65109	
1.542		-.339		.95440		1.28053		1.12744		1.03296		.68411		.93050		1.09547		1.10392		1.05244		.65372	
1.542		.206		.96167		1.25801		1.12782		1.02994		.68230		.94184		1.09615		1.10947		1.05670		.65777	
1.541		.642		.96168		1.23290		1.12468		1.02530		.67677		.94728		1.10054		1.11567		1.06041		.65656	
1.542		1.094		.96067		1.22914		1.12391		1.02307		.67642		.94766		1.10423		1.11777		1.06152		.65681	
		GRADIENT		.03341		.00367		.00914		.00158		.00077		.03739		-.02119		.00692		.00338		.00310	

BETA =

.500

PHI =

180.000

RUN NO. 1623/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(SCM051) (03 OCT 91)

PARAMETRIC DATA

BETA = 1.000 PHI = 180.000

RUN NO. 1577/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CP04
.600	-6.960	.75994	.79955	.72077	.67237	.30012	.70228	.74013	.67115	.60303	.22775
.600	-6.452	.77310	.81234	.72927	.67801	.30355	.71635	.75361	.68131	.62151	.22840
.600	-5.945	.78735	.82608	.73900	.68518	.30921	.73000	.76635	.69123	.63512	.23408
.600	-5.440	.79876	.83705	.74643	.69016	.31337	.74156	.77711	.69916	.64696	.23796
.600	-4.938	.80928	.84753	.75397	.69368	.31712	.75258	.78715	.70667	.65742	.24183
.600	-4.428	.81864	.85668	.76066	.69701	.32077	.76231	.79628	.71338	.66498	.24585
.600	-3.920	.82662	.86500	.76672	.70176	.32493	.77000	.80364	.71880	.67047	.24908
.601	-3.411	.83362	.87272	.77228	.70798	.32736	.77740	.81136	.72454	.67674	.25244
.600	-2.900	.84071	.88028	.77775	.71159	.32959	.78512	.81867	.73005	.68347	.25539
.601	-2.382	.84796	.88736	.78334	.71540	.33374	.79256	.82571	.73623	.69028	.26078
.600	-1.863	.85180	.89225	.78708	.71651	.33412	.79675	.82981	.73963	.69440	.26177
.601	-1.330	.85533	.89637	.79006	.71677	.33513	.80134	.83428	.74349	.69666	.26472
.600	-.798	.85779	.89883	.79211	.71598	.33994	.80538	.83837	.74639	.69800	.26572
.601	-.265	.85727	.90023	.79113	.71358	.33171	.80859	.84127	.74912	.69948	.26861
.601	.227	.85492	.89897	.78912	.70980	.32831	.81042	.84248	.75098	.69976	.27082
.601	.704	.85343	.89828	.78739	.70599	.32453	.81182	.84579	.75321	.70024	.27316
.600	1.185	.85075	.89749	.78685	.70449	.32237	.81192	.84611	.75432	.70040	.27463
GRADIENT		.00694	.00828	.00548	.00181	.00094	.00970	.00955	.00777	.00700	.00527

RUN NO. 1467/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CP04
.799	-6.976	.84176	.88036	.79646	.74593	.36210	.79000	.82562	.75445	.69108	.29053
.800	-6.457	.85566	.89392	.80656	.75353	.36811	.80307	.83821	.76444	.70543	.29655
.800	-5.959	.86783	.90631	.81521	.76020	.37382	.81411	.84915	.77260	.71678	.30149
.800	-5.453	.87846	.91709	.82226	.76287	.37748	.82551	.86024	.78114	.72891	.30653
.800	-4.956	.88793	.92675	.82918	.76836	.38185	.83432	.86857	.78707	.73742	.30974
.800	-4.451	.89653	.93536	.83567	.77087	.38562	.84374	.87776	.79393	.74518	.31470
.800	-3.942	.90363	.94292	.84094	.77484	.38790	.85106	.88493	.79912	.75052	.31735
.800	-3.439	.91054	.95043	.84651	.78156	.39104	.85833	.89216	.80466	.75643	.32081
.800	-2.925	.91707	.95798	.85217	.78551	.39404	.86503	.89900	.81001	.76268	.32385
.800	-2.415	.92179	.96361	.85584	.78764	.39616	.87100	.90484	.81476	.76819	.32716
.800	-1.900	.92501	.96818	.85949	.78835	.39662	.87447	.90891	.81773	.77091	.32826
.800	-1.383	.92921	.97298	.86343	.78932	.39791	.87872	.91302	.82105	.77364	.32994
.800	-.857	.93152	.97648	.86593	.78912	.39836	.88241	.91709	.82420	.77621	.33235
.800	-.339	.93191	.97773	.86594	.78797	.39745	.88499	.91987	.82667	.77774	.33533
.800	.151	.93143	.97798	.86549	.78529	.39490	.88649	.92110	.82826	.77799	.33700
.799	.636	.92977	.97757	.86417	.78205	.39104	.88637	.92268	.82872	.77653	.33651
.800	1.136	.92726	.97623	.86335	.78003	.38906	.88631	.92213	.82908	.77599	.33827
GRADIENT		.00662	.00838	.00582	.00212	.00139	.00851	.00882	.00694	.00641	.00455

C-7

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(SCMO51) (03 OCT 91)

PARAMETRIC DATA

BETA = 1.000 PHI = 180.000

RUN NO. 1501/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CPO4
.900	-6.972	.90086	.93781	.85478	.80484	.42709	.85056	.88460	.81389	.75341	.35739
.900	-6.451	.91532	.95207	.86582	.81307	.43366	.86434	.89806	.82477	.76713	.36417
.900	-5.951	.92389	.96136	.87158	.81709	.43653	.87335	.90725	.83143	.77676	.36793
.900	-5.448	.93410	.97182	.87858	.81906	.44057	.88340	.91720	.83891	.78812	.37231
.900	-4.948	.94212	.98028	.88441	.82372	.44388	.89139	.92514	.84468	.79618	.37545
.900	-4.442	.95100	.98935	.89137	.82699	.44769	.90023	.93374	.85098	.80352	.37925
.900	-3.937	.95997	.99866	.89835	.83316	.45204	.90910	.94203	.85721	.81013	.38284
.900	-3.426	.96535	1.00472	.90284	.83849	.45404	.91529	.94838	.86215	.81522	.38600
.900	-2.918	.96890	1.00961	.90581	.83996	.45498	.91934	.95308	.86555	.81975	.38757
.900	-2.406	.97365	1.01559	.90981	.84243	.45701	.92469	.95872	.87007	.82509	.39023
.900	-1.893	.97640	1.01958	.91306	.84299	.45763	.92738	.96188	.87232	.82666	.39123
.900	-1.371	.98157	1.02522	.91785	.84464	.45975	.93323	.96727	.87684	.83072	.39439
.900	-.845	.98346	1.02792	.91956	.84382	.45921	.93629	.97059	.87917	.83226	.39572
.900	-.325	.98393	1.02930	.91964	.84260	.45758	.93896	.97350	.88173	.83379	.39779
.900	.165	.98277	1.02901	.91842	.83926	.45487	.93980	.97389	.88271	.83356	.39925
.900	.650	.98227	1.02958	.91868	.83765	.45341	.94110	.97628	.88462	.83369	.40120
.900	1.140	.97985	1.02850	.91787	.83556	.45093	.94070	.97652	.88487	.83303	.40202
GRADIENT		.00611	.00789	.00543	.00185	.00113	.00794	.00827	.00651	.00595	.00421

RUN NO. 1486/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CPO4
1.100	-6.998	1.04401	1.07750	.99921	.95203	.60671	1.00335	1.03458	.96891	.91303	.55199
1.100	-6.483	1.05508	1.08922	1.00786	.95830	.61166	1.01345	1.04472	.97663	.92372	.55600
1.100	-5.978	1.06390	1.09857	1.01426	.96302	.61490	1.02266	1.05389	.98343	.93259	.55970
1.100	-5.476	1.07302	1.10790	1.02099	.96469	.61868	1.03142	1.06270	.99009	.94282	.56343
1.100	-4.980	1.08031	1.11573	1.02624	.96870	.62128	1.03880	1.07010	.99543	.95031	.56609
1.100	-4.480	1.08769	1.12347	1.03180	.97131	.62437	1.04617	1.07733	1.00098	.95634	.56944
1.100	-3.977	1.09410	1.13045	1.03669	.97540	.62586	1.05249	1.08387	1.00588	.96147	.57210
1.100	-3.470	1.09962	1.13664	1.04131	.98062	.62921	1.05821	1.08964	1.01005	.96636	.57455
1.100	-2.971	1.10453	1.14231	1.04554	.98306	.63132	1.06346	1.09514	1.01435	.97077	.57702
1.100	-2.467	1.10828	1.14702	1.04845	.98457	.63270	1.06734	1.09909	1.01734	.97442	.57822
1.100	-1.967	1.11175	1.15152	1.05237	.98618	.63405	1.07117	1.10335	1.02045	.97691	.58007
1.100	-1.466	1.11472	1.15560	1.05569	.98684	.63520	1.07424	1.10643	1.02285	.97894	.58115
1.100	-.954	1.11725	1.15870	1.05751	.98620	.63546	1.07661	1.10919	1.02472	.98012	.58214
1.100	-.467	1.11784	1.16036	1.05843	.98636	.63467	1.07871	1.11176	1.02669	.98150	.58366
1.100	-.024	1.11846	1.16182	1.05925	.98514	.63385	1.07887	1.11144	1.02686	.98054	.58348
1.100	.526	1.11857	1.16303	1.06022	.98461	.63354	1.07864	1.11139	1.02664	.97897	.58322
1.100	1.034	1.11760	1.16336	1.06112	.98398	.63307	1.07761	1.11142	1.02605	.97737	.58298
GRADIENT		.00617	.00792	.00575	.00245	.00189	.00654	.00692	.00518	.00462	.00281

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(SCM051) (03 OCT 91)

PARAMETRIC DATA

BETA = 1.000 PHI = 180.000

RUN NO. 1524/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.250	-6.979	1.11806	1.15547	1.07195	1.02282	.67522	1.07216	1.10733	1.03770	.98337	.61531
1.250	-6.462	1.12870	1.16698	1.08002	1.02854	.68006	1.08209	1.11754	1.04522	.99305	.61886
1.250	-5.961	1.13734	1.17629	1.08566	1.03131	.68309	1.09178	1.12736	1.05260	1.00379	.62320
1.250	-5.457	1.14610	1.18518	1.09249	1.03533	.68691	1.10026	1.13588	1.05090	1.01331	.62712
1.250	-4.952	1.15288	1.19241	1.09758	1.03707	.68922	1.10702	1.14246	1.06362	1.01953	.62974
1.250	-4.456	1.15882	1.19958	1.10261	1.04017	.69185	1.11247	1.14800	1.06764	1.02405	.63192
1.250	-3.950	1.16554	1.20727	1.10820	1.04529	.69490	1.11932	1.15513	1.07306	1.02945	.63492
1.250	-3.440	1.17140	1.21349	1.11275	1.05016	.69705	1.12584	1.16167	1.07815	1.03494	.63807
1.250	-2.933	1.17509	1.21822	1.11593	1.05152	.69816	1.13006	1.16624	1.08144	1.03868	.63971
1.250	-2.428	1.17902	1.22329	1.11908	1.05335	.69954	1.13452	1.17094	1.08504	1.04199	.64166
1.250	-1.912	1.18332	1.22855	1.12384	1.05506	.70131	1.13906	1.17592	1.08881	1.04530	.64381
1.250	-1.403	1.18656	1.23255	1.12700	1.05463	.70226	1.14224	1.17910	1.09116	1.04749	.64525
1.250	-.885	1.18787	1.23494	1.12781	1.05317	.70173	1.14418	1.18191	1.09327	1.04867	.64654
1.250	-.369	1.18877	1.23633	1.12822	1.05268	.70064	1.14646	1.18405	1.09498	1.04943	.64805
1.250	.116	1.18856	1.23733	1.12874	1.05121	.69927	1.14780	1.18483	1.09604	1.04946	.64948
1.250	.605	1.18771	1.23795	1.12892	1.04995	.69753	1.14790	1.18549	1.09644	1.04830	.64973
1.250	1.105	1.18602	1.23763	1.12899	1.04864	.69619	1.14750	1.18575	1.09668	1.04759	.65067
GRADIENT		.00565	.00754	.00521	.00168	.00118	.00686	.00730	.00558	.00476	.00347

RUN NO. 1540/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.400	-6.981	1.14125	1.19335	1.09738	1.04483	.69051	1.08773	1.13700	1.05930	1.00723	.62881
1.400	-6.465	1.14993	1.20319	1.10390	1.04907	.69392	1.09748	1.14758	1.06731	1.01844	.63339
1.400	-5.962	1.15755	1.21208	1.11021	1.04969	.69680	1.10544	1.15600	1.07341	1.02826	.63628
1.400	-5.459	1.16613	1.22210	1.11734	1.05465	.70046	1.11400	1.16477	1.07999	1.03737	.63960
1.400	-4.960	1.17284	1.23073	1.12302	1.05645	.70335	1.12062	1.17219	1.08544	1.04301	.64253
1.400	-4.458	1.17998	1.23859	1.12843	1.06050	.70578	1.12762	1.17960	1.09095	1.04784	.64503
1.400	-3.954	1.18639	1.24580	1.13343	1.06575	.70856	1.13400	1.18647	1.09627	1.05343	.64765
1.400	-3.445	1.19107	1.25096	1.13653	1.06879	.70987	1.13895	1.19215	1.09968	1.05746	.64923
1.400	-2.939	1.19510	1.25609	1.13979	1.07069	.71172	1.14380	1.19750	1.10367	1.06074	.65118
1.400	-2.434	1.19886	1.26161	1.14347	1.07293	.71343	1.14899	1.20309	1.10804	1.06460	.65386
1.400	-1.925	1.20197	1.26656	1.14859	1.07337	.71426	1.15218	1.20692	1.11067	1.06731	.65474
1.400	-1.409	1.20497	1.27148	1.15177	1.07177	.71502	1.15491	1.20984	1.11286	1.06882	.65588
1.400	-.893	1.20692	1.27427	1.15332	1.07119	.71469	1.15748	1.21298	1.11490	1.06998	.65701
1.400	-.383	1.20778	1.27594	1.15358	1.06996	.71346	1.15991	1.21534	1.11694	1.07093	.65855
1.399	.104	1.20675	1.27611	1.15345	1.06790	.71147	1.16055	1.21629	1.11833	1.07107	.65999
1.400	.595	1.20706	1.27724	1.15395	1.06679	.71025	1.16197	1.21816	1.12003	1.07126	.66140
1.400	1.095	1.20523	1.27687	1.15408	1.06531	.70887	1.16128	1.21891	1.12073	1.07095	.66239
GRADIENT		.00534	.00774	.00522	.00105	.00093	.00671	.00760	.00569	.00455	.00317

(SCMO51) (03 OCT 91)

PARAMETRIC DATA

BETA = 1.000 PHI = 180.000

RUN NO. 1558/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.450	-6.962	1.13543	1.20151	1.09990	1.04762	.69726	1.07611	1.13805	1.05916	1.01108	.63016
1.450	-6.444	1.14441	1.21141	1.10624	1.05085	.70110	1.08446	1.14806	1.06601	1.02185	.63329
1.450	-5.941	1.15119	1.21958	1.11247	1.05236	.70365	1.09308	1.15753	1.07304	1.03253	.63721
1.449	-5.435	1.15668	1.22738	1.11791	1.05509	.70525	1.09908	1.16420	1.07771	1.03820	.63903
1.449	-4.929	1.16490	1.23800	1.12598	1.05850	.70918	1.10672	1.17358	1.08499	1.0474	.64316
1.450	-4.430	1.17197	1.24589	1.13146	1.06267	.71200	1.11308	1.18143	1.09064	1.05059	.64575
1.451	-3.918	1.17845	1.25278	1.13628	1.06845	.71455	1.11957	1.18893	1.09624	1.05594	.64861
1.450	-3.408	1.18215	1.25740	1.13874	1.07043	.71550	1.12339	1.19445	1.10024	1.05880	.64965
1.448	-2.897	1.18448	1.26093	1.14052	1.07107	.71584	1.12672	1.19882	1.10380	1.06156	.65029
1.450	-2.380	1.18842	1.26709	1.14599	1.07432	.71841	1.13200	1.20538	1.10938	1.06713	.65396
1.450	-1.862	1.19146	1.27365	1.15136	1.07450	.71941	1.13520	1.20934	1.11235	1.06985	.65501
1.451	-1.337	1.19639	1.28052	1.15567	1.07397	.72114	1.14001	1.21375	1.11565	1.07265	.65719
1.450	-.806	1.19839	1.28328	1.15626	1.07241	.72044	1.14262	1.21716	1.11768	1.07392	.65834
1.450	-.276	1.19953	1.28461	1.15575	1.07062	.71914	1.14648	1.21990	1.11983	1.07507	.66067
1.450	.215	1.19837	1.28516	1.15539	1.06815	.71743	1.14878	1.22149	1.12109	1.07484	.66352
1.450	.693	1.19566	1.28552	1.15462	1.06479	.71406	1.14878	1.22198	1.12162	1.07339	.66485
1.450	1.173	1.19272	1.28474	1.15495	1.06355	.71158	1.14860	1.22266	1.12268	1.07338	.66631
	GRADIENT	.00487	.00802	.00492	.00046	.00064	.00703	.00803	.00615	.00473	.00371

RUN NO. 1643/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.470	-6.969	1.10250	1.18080	1.07978	1.02867	.68089	1.04272	1.12154	1.04185	.99492	.61326
1.470	-6.446	1.11266	1.19332	1.08802	1.03197	.68529	1.05213	1.13248	1.04990	1.00631	.61704
1.470	-5.944	1.11863	1.20202	1.09348	1.03291	.68728	1.05903	1.14230	1.05712	1.01745	.61983
1.471	-5.444	1.12802	1.21211	1.10144	1.03771	.69168	1.06878	1.15332	1.06542	1.02701	.62443
1.470	-4.938	1.13225	1.21868	1.10593	1.03991	.69302	1.07338	1.15969	1.07000	1.03165	.62630
1.484	-4.435	1.13676	1.22523	1.11022	1.04289	.69461	1.07752	1.16495	1.07376	1.03532	.62766
1.470	-3.928	1.14272	1.23291	1.11585	1.04909	.69727	1.08362	1.17213	1.07938	1.03995	.63063
1.470	-3.420	1.14678	1.23794	1.11806	1.05083	.69818	1.08821	1.17729	1.08295	1.04259	.63190
1.470	-2.905	1.15126	1.24375	1.12175	1.05333	.70065	1.09298	1.18298	1.08726	1.04677	.63460
1.470	-2.394	1.15416	1.24865	1.12606	1.05405	.70279	1.09674	1.18754	1.09090	1.05033	.63661
1.469	-1.873	1.15396	1.25106	1.12698	1.05025	.70246	1.09621	1.18793	1.09069	1.05010	.63851
1.470	-1.354	1.15718	1.25563	1.13057	1.05090	.70430	1.09935	1.19255	1.09395	1.05300	.63952
1.470	-.822	1.15962	1.25928	1.13331	1.05198	.70496	1.10257	1.19692	1.09710	1.05533	.64085
1.469	-.299	1.15734	1.25878	1.13220	1.04942	.70128	1.10256	1.19677	1.09712	1.05443	.64193
1.471	.194	1.15773	1.26118	1.13386	1.04850	.69921	1.10610	1.20022	1.10072	1.05625	.64200
1.470	.675	1.15588	1.26160	1.13340	1.04578	.69575	1.10753	1.20184	1.10239	1.05597	.64945
1.470	1.158	1.15356	1.26021	1.13224	1.04292	.69357	1.10843	1.20335	1.10332	1.05599	.65171
	GRADIENT	.00360	.00693	.00447	.00022	.00040	.00553	.00698	.00530	.00397	.00395

IA310 (AEDC 16TF-783) PROBE CALIBRATION (SCM051) (03 OCT 91)

PARAMETRIC DATA

BETA = 1.000 PHI = 180.000

RUN NO. 1593/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.493	-6.971	1.06076	1.17619	1.07214	1.02085	.67639	.99633	1.11504	1.03507	.99239	.61127
1.493	-6.453	1.06318	1.18578	1.07835	1.02128	.67933	.99876	1.12383	1.04140	1.00208	.61380
1.493	-5.951	1.06611	1.19470	1.08387	1.02324	.68191	1.00195	1.13405	1.04942	1.01364	.61843
1.493	-5.446	1.06655	1.20370	1.09008	1.02446	.68516	1.00142	1.14232	1.05549	1.02088	.62120
1.493	-4.946	1.06541	1.21147	1.09570	1.02883	.68756	1.00052	1.14992	1.06099	1.02609	.62418
1.493	-4.444	1.06565	1.21992	1.10137	1.03310	.69017	1.00030	1.15676	1.06618	1.03010	.62654
1.493	-3.931	1.06416	1.22702	1.10547	1.03812	.69159	.99903	1.16256	1.06997	1.03254	.62811
1.492	-3.419	1.06397	1.23350	1.10788	1.04002	.69338	.99832	1.16862	1.07428	1.03665	.62990
1.493	-2.915	1.06061	1.23882	1.11072	1.04063	.69532	.99564	1.17526	1.07907	1.04137	.63287
1.492	-2.400	1.05453	1.24177	1.11278	1.03869	.69554	.99051	1.17959	1.08123	1.04318	.63376
1.493	-1.881	1.05215	1.24564	1.11663	1.03878	.69706	.98810	1.18432	1.08414	1.04599	.63556
1.493	-1.364	1.04856	1.24813	1.11885	1.03889	.69730	.98501	1.18779	1.08602	1.04729	.63663
1.492	-.833	1.04584	1.25131	1.12138	1.03912	.69678	.98314	1.19038	1.08825	1.04878	.63830
1.493	-.310	1.04338	1.25354	1.12215	1.03797	.69476	.98270	1.19102	1.08994	1.04917	.63979
1.492	.179	1.04161	1.25511	1.12289	1.03667	.69273	.98439	1.19299	1.09236	1.05024	.64251
1.492	.661	1.03741	1.25399	1.12175	1.03377	.68970	.98356	1.19403	1.09310	1.04918	.64338
1.493	1.147	1.04025	1.25318	1.12109	1.03176	.68749	.98933	1.19650	1.09462	1.04916	.64528
GRADIENT		-.00516	.00672	.00424	.00007	.00012	-.00310	.00746	.00533	.00389	.00335

RUN NO. 1609/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.516	-6.970	.95891	1.17804	1.07354	1.02432	.67888	.88678	1.11461	1.03497	.99577	.61404
1.516	-6.453	.95043	1.18744	1.07943	1.02494	.68128	.87808	1.12199	1.03950	1.00469	.61569
1.516	-5.951	.94398	1.19883	1.08684	1.02780	.68475	.87226	1.13284	1.04765	1.01615	.62026
1.516	-5.447	.94339	1.20787	1.09252	1.02921	.68727	.87103	1.14100	1.05307	1.02178	.62255
1.515	-4.941	.93887	1.21481	1.09646	1.03161	.68940	.86661	1.14820	1.05786	1.02517	.62454
1.516	-4.439	.93090	1.22223	1.10137	1.03606	.69237	.85721	1.15582	1.06364	1.02916	.62709
1.516	-3.931	.91916	1.23029	1.10536	1.04071	.69475	.84547	1.16372	1.06877	1.03359	.62942
1.515	-3.424	.91402	1.23734	1.10777	1.04194	.69580	.84136	1.17055	1.07256	1.03705	.63051
1.515	-2.910	.90798	1.24534	1.11343	1.04314	.69732	.83682	1.17882	1.07746	1.04141	.63269
1.516	-2.401	.90362	1.25358	1.11977	1.04462	.69974	.83408	1.18745	1.08252	1.04617	.63570
1.516	-1.882	.90109	1.25888	1.12307	1.04485	.70031	.83188	1.19332	1.08521	1.04843	.63695
1.516	-1.361	.89681	1.26242	1.12544	1.04532	.70058	.82816	1.19842	1.08821	1.05035	.63846
1.516	-.834	.89154	1.26554	1.12716	1.04493	.70009	.82527	1.20137	1.09050	1.05082	.64012
1.516	-.309	.88673	1.26745	1.12680	1.04182	.69800	.82478	1.20185	1.09323	1.05151	.64202
1.516	.180	.88304	1.26812	1.12580	1.03838	.69388	.82722	1.20061	1.09483	1.05135	.64419
1.515	.663	.88052	1.26761	1.12630	1.03710	.69114	.82952	1.20365	1.09748	1.05215	.64570
1.516	1.150	.88337	1.26686	1.12635	1.03601	.68932	.83626	1.20983	1.10032	1.05376	.64794
GRADIENT		-.00915	.00894	.00512	.00029	.00004	-.00509	.00975	.00669	.00456	.00370

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(SCM051) (03 OCT 91)

PARAMETRIC DATA

BETA = 1.000 PHI = 180.000

RUN NO. 1624/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CP04
1.542	-6.969	.78600	1.17845	1.06992	1.01735	.67473	.71517	1.11704	1.03284	.99602	.61575
1.541	-6.453	.78694	1.18789	1.07405	1.01828	.67629	.72022	1.12871	1.04032	1.00271	.61876
1.542	-5.950	.78940	1.19937	1.08019	1.02513	.68057	.72412	1.14232	1.04895	1.01112	.62250
1.542	-5.446	.79143	1.20945	1.08332	1.02758	.68296	.72759	1.15401	1.05471	1.01754	.62466
1.541	-4.946	.79456	1.22049	1.08713	1.02891	.68564	.73256	1.16684	1.06066	1.02438	.62711
1.541	-4.438	.80094	1.23178	1.09230	1.03092	.68835	.74088	1.17955	1.06588	1.02993	.62933
1.541	-3.931	.81199	1.24480	1.09748	1.03267	.68944	.75425	1.19401	1.07118	1.03490	.63079
1.541	-3.425	.82337	1.26004	1.10460	1.03594	.69120	.77816	1.21027	1.07768	1.04117	.63293
1.541	-2.915	.83339	1.28473	1.11397	1.04034	.69305	.82433	1.19855	1.08690	1.04712	.63512
1.541	-2.401	.90337	1.30936	1.12051	1.04136	.69405	.85855	1.14752	1.09395	1.04858	.63652
1.542	-1.886	.92160	1.32391	1.12654	1.04216	.69585	.87701	1.11359	1.09525	1.04776	.63842
1.541	-1.364	.93620	1.32923	1.13052	1.04272	.69604	.89289	1.09322	1.09261	1.04467	.63956
1.541	-.837	.94676	1.32773	1.13490	1.04436	.69683	.90527	1.08383	1.08971	1.04171	.64142
1.541	-.309	.95519	1.32051	1.13764	1.04445	.69682	.91607	1.08146	1.08969	1.04064	.64360
1.542	.179	.95950	1.30826	1.13781	1.04186	.69469	.92345	1.08081	1.09250	1.04271	.64580
1.541	.660	.96063	1.29608	1.13672	1.03848	.69044	.92709	1.07840	1.09547	1.04398	.64373
1.541	1.149	.96007	1.28701	1.13563	1.03596	.68888	.92900	1.08065	1.09934	1.04613	.64340
	GRADIENT	.03153	.01361	.00889	.00164	.00084	.03655	-.02313	.00543	.00231	.00299

(SCM052) (03 OCT 91)

IA310 (AEDC 16TF-783) PROBE CALIBRATION

PARAMETRIC DATA

$$\text{BETA} = 1.500 \quad \text{PHI} = 180.000$$

RUN NO.	1578	/	0	RN/L	=	2.50	GRADIENT	INTERVAL	=	-5.00	/	5.00
---------	------	---	---	------	---	------	----------	----------	---	-------	---	------

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CP04
.599	-6.941	.76944	.80898	.73105	.68231	.31160	.68961	.72748	.65728	.59280	.20571
.600	-6.433	.78466	.82359	.74189	.68989	.31743	.70544	.74248	.66884	.60993	.21323
.600	-5.926	.79751	.83612	.75038	.69617	.32233	.71896	.67816	.67848	.62330	.21923
.600	-5.420	.80983	.84804	.75887	.70193	.32795	.73164	.76721	.68800	.63731	.22536
.600	-4.907	.81915	.85730	.76482	.70529	.33081	.74166	.77653	.69489	.64708	.22908
.600	-4.404	.82996	.86804	.77370	.71090	.33556	.75300	.78699	.70320	.65536	.23483
.600	-3.889	.83615	.87442	.77752	.71329	.33703	.75895	.79252	.70648	.65862	.23485
.601	-3.379	.84596	.88539	.78653	.72254	.34390	.76989	.80315	.71536	.66806	.24133
.600	-2.863	.85150	.89031	.78953	.72339	.34783	.77525	.80838	.71942	.67264	.24264
.601	-2.344	.85869	.89816	.79566	.72786	.34788	.78290	.81568	.72540	.67834	.24707
.600	-1.823	.86142	.90183	.79890	.72830	.34788	.78669	.81985	.72790	.68276	.24896
.600	-1.298	.86543	.90609	.80203	.72896	.34782	.79159	.82445	.73189	.68547	.25035
.601	- .771	.86771	.90940	.80440	.72959	.34876	.79579	.82830	.73559	.68766	.25383
.601	- .250	.86738	.90975	.80353	.72665	.34613	.79878	.83125	.73793	.68868	.25567
.600	.243	.86511	.90900	.80197	.72365	.34223	.79924	.83033	.73794	.68783	.25601
.600	.735	.86418	.90915	.80205	.72208	.34066	.80053	.83373	.74045	.68788	.25830
.601	1.213	.86128	.90775	.80055	.71933	.33763	.79955	.83329	.74010	.68677	.25866
	GRADIENT		.00820	.00580	.00223	.00107	.00945	.00919	.00738	.00660	.00479

RUN NO.	1468	0	RN/L	=	2.50	GRADIENT INTERVAL	=	-5.00	/	5.00
---------	------	---	------	---	------	-------------------	---	-------	---	------

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
.800	-6.959	.85276	.89087	.80818	.75786	.37673	.77896	.81481	.74255	.68181	.27602
.800	-6.448	.86592	.90409	.81776	.76503	.38261	.79217	.82757	.75237	.69425	.28230
.800	-5.946	.87758	.91570	.82579	.77082	.38663	.80406	.83870	.76102	.70609	.28711
.800	-5.437	.88863	.92716	.83389	.77461	.39174	.81533	.84990	.76974	.71841	.29279
.800	-4.933	.89752	.93593	.83991	.77914	.39492	.82418	.85821	.77569	.72701	.29588
.800	-4.430	.90614	.94508	.84684	.78313	.39876	.83361	.86743	.78264	.73427	.30035
.800	-3.921	.91346	.95271	.85224	.78757	.40222	.84115	.87446	.78787	.73955	.30345
.800	-3.413	.92080	.96085	.85841	.79394	.40572	.84883	.88242	.79409	.74664	.30761
.800	-2.904	.92602	.96700	.86289	.79628	.40743	.85489	.88837	.79825	.75107	.30977
.800	-2.388	.93125	.97348	.86741	.79921	.41014	.86046	.89395	.80247	.75521	.31250
.800	-1.878	.93521	.97851	.87189	.80101	.41099	.86508	.89905	.80690	.76124	.31487
.800	-1.353	.93750	.98122	.87372	.80006	.41065	.86831	.90202	.80894	.76187	.31586
.800	- .837	.93978	.98491	.87647	.80052	.41108	.87157	.90562	.81213	.76419	.31813
.800	- .326	.94063	.98655	.87701	.79992	.41051	.87427	.90884	.81450	.76540	.32034
.800	.164	.93975	.98692	.87679	.79769	.40767	.87517	.90798	.81469	.76452	.32058
.800	.663	.93948	.98745	.87749	.79713	.40718	.87614	.91084	.81650	.76433	.32272
.800	1.151	.93675	.98643	.87605	.79426	.40394	.87433	.91013	.81583	.76272	.32221
GRADIENT		.00649	.00834	.00602	.00247	.00152	.00828	.00847	.00662	.00598	.00428

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(SCM052) (03 OCT 91)

PARAMETRIC DATA

BETA = 1.500 PHI = 180.000

RUN NO. 1502/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
.900	-6.954	.91166	.94814	.86641	.81626	.44075	.84117	.87541	.80351	.74453	.34434
.900	-6.441	.92315	.96024	.87521	.82235	.44569	.85267	.88676	.81203	.75588	.34938
.900	-5.938	.93489	.97219	.88348	.82896	.45067	.86415	.89761	.82049	.76708	.35433
.901	-5.429	.94428	.98184	.89009	.83105	.45482	.87389	.90730	.82795	.77830	.35916
.900	-4.924	.95281	.99062	.89600	.83553	.45764	.88272	.91584	.83424	.78674	.36233
.900	-4.420	.96070	.99917	.90244	.83949	.46135	.89086	.92405	.84034	.79359	.36630
.900	-3.913	.96759	1.00650	.90767	.84408	.46406	.89828	.93124	.84579	.79942	.36932
.900	-3.403	.97394	1.01391	.91324	.84941	.46678	.90506	.93822	.85103	.80493	.37224
.900	-2.892	.97874	1.01955	.91721	.85135	.46866	.91566	.94336	.85459	.80941	.37443
.900	-2.379	.98362	1.02557	.92142	.85393	.47031	.91566	.94893	.85895	.81393	.37653
.898	-1.862	.98633	1.02934	.92447	.85434	.46969	.91918	.95263	.86191	.81681	.37694
.900	-1.343	.99165	1.03484	.92931	.85657	.47297	.92523	.95836	.86658	.82055	.38133
.900	-.825	.99153	1.03631	.93001	.85523	.47212	.92651	.96020	.86813	.82117	.38270
.900	-.313	.99214	1.03803	.93069	.85444	.47091	.92862	.96298	.87026	.82236	.38401
.900	.180	.99222	1.03898	.93113	.85314	.46939	.93054	.96273	.87089	.82226	.38573
.900	.676	.99105	1.03904	.93103	.85180	.46735	.93065	.96484	.87244	.82164	.38629
.900	1.160	.98937	1.03837	.93029	.84926	.46545	.92989	.96515	.87220	.82067	.38687
GRADIENT		.00602	.00789	.00570	.00223	.00130	.00781	.00802	.00627	.00559	.00398

RUN NO. 1509/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.100	-6.984	1.05421	1.08788	1.01059	.96338	.62039	.99317	1.02464	.95765	.90351	.53863
1.100	-6.474	1.06371	1.09776	1.01745	.96791	.62339	1.00425	1.03581	.96542	.91450	.54406
1.100	-5.973	1.07306	1.10765	1.02438	.97326	.62696	1.01387	1.04511	.97366	.92405	.54800
1.100	-5.473	1.08190	1.11695	1.03088	.97559	.63076	1.02291	1.05415	.98035	.93440	.55195
1.100	-4.973	1.09001	1.12556	1.03694	.98014	.63445	1.03051	1.06145	.98563	.94176	.55455
1.100	-4.472	1.09665	1.13276	1.04208	.98280	.63683	1.03748	1.06840	.99087	.94745	.55735
1.100	-3.964	1.10251	1.13912	1.04663	.98647	.63892	1.04362	1.07452	.99543	.95239	.55985
1.100	-3.465	1.10898	1.14638	1.05218	.99193	.64210	1.05021	1.08151	1.00087	.95817	.56323
1.100	-2.962	1.11316	1.15173	1.05594	.99409	.64374	1.05474	1.08616	1.00425	.96191	.56461
1.100	-2.462	1.11711	1.15644	1.05908	.99594	.64539	1.05920	1.09056	1.00747	.96525	.56671
1.100	-1.957	1.12033	1.16068	1.06277	.99731	.64626	1.06292	1.09444	1.00747	.96761	.56810
1.100	-1.446	1.12325	1.16457	1.06619	.99837	.64744	1.06590	1.09797	1.01051	.97014	.56961
1.100	-.949	1.12467	1.16688	1.06767	.99774	.64706	1.06774	1.09993	1.01438	.97063	.57002
1.100	-.448	1.12626	1.16941	1.06924	.99809	.64708	1.06976	1.10240	1.01607	.97136	.57086
1.100	.039	1.12704	1.17096	1.07046	.99754	.64674	1.07054	1.10135	1.01643	.97085	.57142
1.100	.545	1.12679	1.17171	1.07132	.99719	.64600	1.07020	1.10128	1.01646	.96947	.57115
1.100	1.051	1.12650	1.17261	1.07232	.99709	.64570	1.06976	1.10316	1.01648	.96855	.57119
GRADIENT		.00601	.00780	.00587	.00270	.00184	.00655	.00679	.00513	.00446	.00276

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(SCM052) (03 OCT 91)

PARAMETRIC DATA

BETA = 1.500 PHI = 180.000

RUN NO. 1525/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.250	-6.965	1.12752	1.16486	1.08215	1.03290	.68745	1.06304	1.09816	1.02754	.97468	.60346
1.250	-6.447	1.13775	1.17587	1.08972	1.03827	.69170	1.07336	1.10869	1.03536	.98445	.60768
1.250	-5.947	1.14708	1.18587	1.09653	1.04212	.69561	1.08288	1.11842	1.04273	.99547	.61191
1.250	-5.444	1.15540	1.19450	1.10266	1.04600	.69876	1.09103	1.12627	1.04835	1.00417	.61468
1.250	-4.945	1.16091	1.20124	1.10757	1.04769	.70074	1.09749	1.13304	1.05352	1.01025	.61759
1.250	-4.439	1.16772	1.20876	1.11305	1.05150	.70361	1.10419	1.13951	1.05846	1.01555	.62055
1.250	-3.929	1.17438	1.21594	1.11808	1.05659	.70626	1.11072	1.14600	1.06312	1.02026	.62333
1.250	-3.424	1.17979	1.22222	1.12275	1.06039	.70883	1.11626	1.15206	1.06756	1.02546	.62607
1.250	-2.913	1.18416	1.22744	1.12671	1.06219	.71023	1.12149	1.15732	1.07156	1.02952	.62833
1.250	-2.406	1.18827	1.23249	1.12999	1.06423	.71176	1.12616	1.16207	1.07523	1.03230	.63011
1.250	-1.892	1.19137	1.23688	1.13372	1.06518	.71238	1.13001	1.16629	1.07836	1.03466	.63190
1.250	-1.379	1.19416	1.24054	1.13667	1.06457	.71327	1.13310	1.16984	1.08094	1.03728	.63366
1.250	-.865	1.19556	1.24299	1.13847	1.06427	.71285	1.13532	1.17227	1.08274	1.03834	.63474
1.250	-.357	1.19688	1.24510	1.13924	1.06416	.71242	1.13747	1.17437	1.08452	1.03932	.63624
1.250	.132	1.19687	1.24610	1.13989	1.06294	.71122	1.13828	1.17405	1.08489	1.03854	.63703
1.250	.632	1.19603	1.24664	1.14052	1.06215	.70969	1.13832	1.17491	1.08564	1.03776	.63744
1.250	1.123	1.19506	1.24694	1.14109	1.06139	.70893	1.13805	1.17597	1.08594	1.03717	.63833
GRADIENT		.00560	.00750	.00548	.00192	.00127	.00675	.00706	.00538	.00445	.00337

RUN NO. 1541/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.399	-6.974	1.15198	1.20356	1.10881	1.05574	.70322	1.07762	1.12774	1.04856	.99825	.61696
1.400	-6.450	1.16005	1.21302	1.11478	1.05979	.70620	1.08678	1.13716	1.05590	1.00896	.62079
1.400	-5.950	1.16910	1.22340	1.12243	1.06269	.71031	1.09635	1.14701	1.06334	1.02030	.62487
1.400	-5.448	1.17621	1.23223	1.12836	1.06581	.71284	1.10392	1.15469	1.06892	1.02778	.62736
1.400	-4.948	1.18328	1.24078	1.13438	1.06817	.71558	1.11116	1.16227	1.07455	1.03359	.63039
1.400	-4.438	1.18978	1.24821	1.13948	1.07169	.71802	1.11767	1.16941	1.07980	1.03778	.63280
1.400	-3.932	1.19569	1.25503	1.14411	1.07713	.72047	1.12389	1.17603	1.08493	1.04323	.63554
1.401	-3.429	1.20066	1.26099	1.14823	1.08018	.72274	1.12945	1.18212	1.08950	1.04806	.63796
1.400	-2.924	1.20565	1.26689	1.15232	1.08278	.72477	1.13512	1.18857	1.09436	1.05146	.64027
1.400	-2.409	1.20858	1.27111	1.15521	1.08436	.72570	1.13860	1.19265	1.09700	1.05383	.64134
1.400	-1.901	1.21226	1.27678	1.16067	1.08560	.72729	1.14300	1.19797	1.10076	1.05775	.64390
1.400	-1.394	1.21365	1.28009	1.16287	1.08283	.72653	1.14521	1.20025	1.10220	1.05885	.64392
1.400	-.878	1.21601	1.28355	1.16512	1.08320	.72738	1.14778	1.20349	1.10473	1.06033	.64613
1.400	-.371	1.21692	1.28517	1.16537	1.08210	.72582	1.14972	1.20453	1.10613	1.06075	.64679
1.400	.116	1.21644	1.28594	1.16603	1.08079	.72474	1.15033	1.20449	1.10681	1.06037	.64801
1.400	.618	1.21672	1.28715	1.16702	1.08017	.72377	1.15123	1.20600	1.10845	1.06041	.64891
1.400	1.114	1.21445	1.28624	1.16657	1.07833	.72178	1.15001	1.20740	1.10836	1.05929	.64881
GRADIENT		.00521	.00767	.00547	.00134	.00107	.00651	.00730	.00553	.00431	.00306

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(SCM052) (03 OCT 91)

PARAMETRIC DATA

BETA = 1.500 PHI = 180.000

RUN NO. 1559/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.450	-6.946	1.14735	1.21229	1.11172	1.05892	.70996	1.06651	1.12857	1.04893	1.00296	.61900
1.450	-6.426	1.15483	1.22128	1.11719	1.06124	.71275	1.07473	1.13823	1.05551	1.01348	.62182
1.450	-5.924	1.16313	1.23059	1.12468	1.06486	.71669	1.08309	1.14732	1.06183	1.02310	.62498
1.450	-5.415	1.16870	1.23857	1.13089	1.06772	.71877	1.09042	1.15575	1.06823	1.03029	.62834
1.450	-4.912	1.17474	1.24722	1.13678	1.06974	.72092	1.09594	1.16285	1.07344	1.03473	.63049
1.450	-4.399	1.18266	1.25536	1.14231	1.07408	.72381	1.10319	1.17039	1.07879	1.04000	.63294
1.450	-3.889	1.18824	1.26255	1.14749	1.07983	.72646	1.10880	1.17827	1.08456	1.04587	.63598
1.450	-3.380	1.19297	1.26815	1.15145	1.08294	.72932	1.11365	1.18471	1.08987	1.04999	.63830
1.449	-2.864	1.19561	1.27102	1.15245	1.08285	.72880	1.11704	1.18884	1.09229	1.05128	.63809
1.450	-2.351	1.19855	1.27671	1.15735	1.08587	.73076	1.12136	1.19494	1.09727	1.05594	.64087
1.450	-1.828	1.20095	1.28220	1.16233	1.08554	.73151	1.12485	1.19933	1.10104	1.05936	.64297
1.450	-1.305	1.20400	1.28842	1.16663	1.08474	.73232	1.12874	1.20326	1.10426	1.06197	.64483
1.449	-.778	1.20597	1.29218	1.16759	1.08326	.73133	1.13119	1.20581	1.10597	1.06276	.64607
1.450	-.261	1.20649	1.29399	1.16719	1.08139	.73015	1.13333	1.20617	1.10696	1.06269	.64759
1.450	.230	1.20752	1.29608	1.16883	1.08094	.72983	1.13652	1.20755	1.10841	1.06295	.65067
1.450	.724	1.20591	1.29604	1.16919	1.07923	.72748	1.13702	1.20856	1.10943	1.06238	.65230
1.450	1.200	1.20282	1.29548	1.16982	1.07857	.72586	1.13626	1.21040	1.11050	1.06230	.65377
GRADIENT		.00460	.00814	.00542	.00084	.00076	.00662	.00751	.00597	.00443	.00367

RUN NO. 1644/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.470	-6.949	1.11593	1.19276	1.09248	1.04090	.69428	1.03330	1.11202	1.03124	.98716	.60120
1.471	-6.430	1.12328	1.20353	1.09933	1.04317	.69772	1.04108	1.12200	1.03854	.99751	.60555
1.471	-5.929	1.13118	1.21386	1.10638	1.04600	.70082	1.04935	1.13297	1.04680	1.00924	.60905
1.470	-5.425	1.13667	1.22029	1.11087	1.04736	.70192	1.05587	1.14088	1.05242	1.01561	.61088
1.470	-4.917	1.14272	1.22841	1.11710	1.05129	.70490	1.06257	1.14904	1.05886	1.02152	.61406
1.470	-4.411	1.14803	1.23542	1.12181	1.05503	.70692	1.06812	1.15556	1.06346	1.02647	.61630
1.470	-3.902	1.15291	1.24194	1.12654	1.06041	.70921	1.07336	1.16145	1.06799	1.03060	.61871
1.470	-3.393	1.15763	1.24844	1.13096	1.06357	.71153	1.07796	1.16765	1.07274	1.03375	.62070
1.471	-2.874	1.16249	1.25406	1.13391	1.06553	.71415	1.08364	1.17370	1.07732	1.03755	.62313
1.470	-2.359	1.16330	1.25801	1.13691	1.06481	.71514	1.08573	1.17790	1.08001	1.04027	.62435
1.471	-1.842	1.16686	1.26304	1.14129	1.06432	.71698	1.09008	1.18241	1.08369	1.04367	.62711
1.470	-1.320	1.16734	1.26548	1.14266	1.06260	.71664	1.09075	1.18402	1.08462	1.04416	.62773
1.470	-.798	1.16826	1.26788	1.14438	1.06270	.71624	1.09257	1.18722	1.08677	1.04553	.62998
1.470	-.282	1.16750	1.26890	1.14417	1.06104	.71344	1.09357	1.18661	1.08703	1.04484	.63094
1.470	.210	1.16862	1.27129	1.14678	1.06132	.71216	1.09687	1.18875	1.08935	1.04556	.63412
1.470	.705	1.16666	1.27099	1.14621	1.05891	.70893	1.09742	1.18971	1.09010	1.04436	.63595
1.470	1.187	1.16459	1.27039	1.14595	1.05695	.70741	1.09756	1.19199	1.09110	1.04443	.63823
GRADIENT		.00358	.00692	.00476	.00045	.00053	.00559	.00674	.00514	.00366	.00378

(SCM052) (03 OCT 91)

IA310 (AEDC 16TF-783) PROBE CALIBRATION

PARAMETRIC DATA

RUN NO. 1594/ O		RN/L =		2.50		GRADIENT INTERVAL =		-5.00/ 5.00		BETA =		1.500		PHI =		180.000	
ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4							
-6.952	1.07266	1.18628	1.08333	1.03179	.68831	.98562	1.10544	1.02430	.98459	.59942							
-6.438	1.07686	1.19715	1.09047	1.03295	.69182	.99041	1.11537	1.03166	.99515	.60314							
-5.932	1.07608	1.20280	1.09298	1.03224	.69271	.98883	1.12126	1.03540	1.00217	.60404							
-5.429	1.07848	1.21387	1.10181	1.03747	.69736	.99114	1.13233	1.04454	1.01202	.60905							
-4.921	1.07980	1.22230	1.10775	1.04094	.70033	.99252	1.14043	1.05051	1.01687	.61216							
-4.416	1.07888	1.23018	1.11297	1.04536	.70249	.99118	1.14678	1.05501	1.02094	.61407							
-3.907	1.07885	1.23794	1.11824	1.05115	.70467	.99111	1.15362	1.06007	1.02517	.61669							
-3.399	1.07552	1.24356	1.12019	1.05220	.70554	.98816	1.15935	1.06394	1.02753	.61836							
-2.886	1.07323	1.24878	1.12233	1.05247	.70733	.98596	1.16548	1.06812	1.03145	.62036							
-2.367	1.06955	1.25234	1.12535	1.05128	.70828	.98305	1.17092	1.07128	1.03420	.62200							
-1.856	1.06555	1.25570	1.12858	1.05011	.70896	.97985	1.17629	1.07443	1.03704	.62377							
-1.331	1.06230	1.25801	1.13055	1.05006	.70907	.97658	1.18003	1.07674	1.03870	.62534							
- .811	1.06006	1.26035	1.13257	1.05034	.70823	.97583	1.18155	1.07872	1.03959	.62657							
- .298	1.05900	1.26220	1.13417	1.04997	.70709	.97619	1.18138	1.08018	1.03970	.62791							
.194	1.05680	1.26297	1.13454	1.04858	.70503	.97653	1.18128	1.08082	1.03887	.62948							
.691	1.05750	1.26311	1.13435	1.04669	.70310	.97986	1.18245	1.08198	1.03819	.63039							
1.173	1.05830	1.26372	1.13453	1.04520	.70139	.98276	1.18607	1.08388	1.03871	.63192							
GRADIENT	- .00439	.00644	.00431	.00011	.00020	- .00255	.00721	.00531	.00355	.00318							

RUN NO. 1610/ 0		RN/L = 2.49		GRADIENT INTERVAL = -5.00/ 5.00							
MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.516	-6.957	.97361	1.18936	1.08608	1.03629	.69180	.87448	1.10481	1.02424	.98800	.60224
1.516	-6.438	.96214	1.20008	1.09329	1.03831	.69486	.86435	1.11461	1.03105	.99891	.60573
1.516	-5.933	.95492	1.20760	1.09799	1.03842	.69611	.85698	1.12144	1.03527	1.00613	.60736
1.516	-5.429	.95483	1.21900	1.10571	1.04172	.70030	.85680	1.13180	1.04277	1.01336	.61162
1.516	-4.921	.95506	1.22663	1.11015	1.04483	.70310	.85730	1.13987	1.04845	1.01720	.61432
1.516	-4.415	.94365	1.23137	1.11255	1.04761	.70384	.84521	1.14449	1.05119	1.01831	.61423
1.517	-3.908	.93551	1.24036	1.11849	1.05339	.70748	.83596	1.15388	1.05814	1.02438	.61807
1.517	-3.400	.92712	1.24908	1.12265	1.05672	.70993	.82874	1.16316	1.06387	1.02974	.62107
1.516	-2.882	.91902	1.25584	1.12705	1.05746	.71075	.82272	1.17039	1.06749	1.03295	.62242
1.516	-2.372	.91485	1.26258	1.13193	1.05694	.71170	.82087	1.17799	1.07107	1.03604	.62399
1.516	-1.852	.91275	1.26848	1.13588	1.05692	.71242	.82029	1.18459	1.07484	1.03906	.62593
1.516	-1.332	.91126	1.27153	1.13708	1.05621	.71188	.81961	1.18837	1.07719	1.04021	.62705
1.516	-.811	.90851	1.27408	1.13840	1.05557	.71165	.81826	1.19035	1.07947	1.04098	.62847
1.516	-.296	.90514	1.27612	1.13943	1.05396	.70969	.81856	1.18893	1.08164	1.04108	.62997
1.516	.195	.90202	1.27677	1.13941	1.05173	.70655	.81981	1.18648	1.08126	1.03908	.63140
1.516	.689	.90162	1.27643	1.13958	1.05040	.70428	.82251	1.18850	1.08361	1.03954	.63260
1.516	1.173	.90380	1.27662	1.14026	1.04988	.70286	.82706	1.19550	1.08660	1.04088	.63398
GRADIENT		-.00799	.00859	.00515	.00027	-.00001	-.00432	.00874	.00610	.00389	.00328

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(SCM052) (03 OCT 91)

PARAMETRIC DATA

RUN NO.		1625/ O	RN/L =	2.49	GRADIENT INTERVAL =	-5.00/	BETA =	1.500	PHI =	180.000	
MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.542	-6.952	.79870	1.18826	1.08115	1.02895	.68618	.70299	1.10679	1.02142	.98797	.60392
1.542	-6.433	.80095	1.19919	1.08768	1.03146	.68976	.70863	1.11974	1.03004	.99446	.60755
1.542	-5.932	.80232	1.20954	1.09322	1.03742	.69300	.71191	1.13251	1.03744	1.00131	.61041
1.542	-5.429	.80333	1.21902	1.09639	1.04020	.69524	.71517	1.14510	1.04378	1.00823	.61288
1.542	-4.926	.80608	1.22841	1.09883	1.04050	.69703	.72102	1.15760	1.04913	1.01402	.61482
1.542	-4.416	.81166	1.24032	1.10515	1.04360	.70084	.72900	1.17089	1.05554	1.02067	.61793
1.542	-3.906	.82066	1.25238	1.11085	1.04584	.70294	.74123	1.18429	1.06129	1.02597	.62014
1.541	-3.400	.83457	1.26491	1.11623	1.04746	.70394	.75944	1.19618	1.06710	1.03110	.62176
1.542	-2.882	.86466	1.28286	1.12398	1.05058	.70567	.79518	1.18687	1.07512	1.03701	.62382
1.542	-2.367	.90207	1.30765	1.13213	1.05358	.70746	.83838	1.13257	1.08327	1.03941	.62609
1.541	-1.853	.92063	1.32578	1.13667	1.05284	.70772	.85938	1.13257	1.08307	1.03712	.62727
1.541	-1.332	.93537	1.33875	1.14127	1.05450	.70871	.87527	1.07544	1.07946	1.03358	.62904
1.541	-.811	.94574	1.34483	1.14462	1.05565	.70932	.88776	1.06677	1.07424	1.02883	.63004
1.541	-.296	.95321	1.34369	1.14720	1.05561	.70896	.89763	1.06593	1.07342	1.02747	.63195
1.541	.195	.95900	1.34104	1.14922	1.05507	.70816	.90544	1.06982	1.07645	1.02988	.63418
1.541	.690	.95877	1.33555	1.14802	1.05181	.70454	.90733	1.06749	1.07819	1.03014	.63250
1.541	1.172	.95832	1.33190	1.14701	1.04944	.70267	.90839	1.06948	1.08091	1.03194	.63181
	GRADIENT	.02966	.01987	.00862	.00181	.00105	.03564	-.02363	.00407	.00148	.00298

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(SCM053) (03 OCT 91)

PARAMETRIC DATA

BETA = 2.000 PHI = 180.000

RUN NO. 1579/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
.600	-6.923	.78131	.82068	.74355	.69459	.32667	.68126	.71908	.64795	.58575	.19493
.599	-6.410	.79461	.83335	.75236	.70065	.33043	.69486	.73167	.65705	.59905	.19954
.599	-5.903	.80851	.84691	.76238	.70840	.33688	.70832	.74479	.66685	.61263	.20593
.599	-5.396	.81874	.85669	.76859	.71140	.33967	.71899	.75455	.67394	.62489	.20910
.600	-4.888	.83073	.86798	.77706	.71773	.34502	.73115	.76578	.68265	.63598	.21463
.600	-4.378	.83994	.87767	.78464	.72270	.34959	.74101	.77552	.69035	.64370	.21988
.600	-3.864	.84755	.88544	.79022	.72730	.35293	.74940	.78311	.69608	.64942	.22357
.600	-3.356	.85537	.89344	.79600	.73191	.35522	.75717	.79009	.65486	.62569	.22569
.600	-2.837	.86345	.90215	.80295	.73674	.35905	.76600	.79871	.70849	.66266	.23013
.600	-2.315	.86731	.90646	.80631	.73832	.35991	.77129	.80409	.71282	.66752	.23286
.600	-1.797	.87039	.91015	.80897	.73884	.36024	.77560	.80821	.71600	.66955	.23493
.600	-1.273	.87425	.91497	.81255	.74040	.36111	.78088	.81434	.72055	.67367	.23804
.600	-.756	.87619	.91798	.81437	.74043	.36049	.78452	.81760	.72351	.67576	.23936
.600	-.239	.87475	.91739	.81278	.73687	.35801	.78557	.81823	.72415	.67523	.23996
.600	.251	.87582	.91985	.81484	.73754	.35732	.78895	.81919	.72531	.67624	.24249
.600	.753	.87280	.91799	.81293	.73423	.35408	.78755	.82093	.72650	.67409	.24261
.600	1.235	.87304	.91956	.81438	.73380	.35315	.78930	.82264	.72839	.67532	.24450
	GRADIENT	.00668	.00816	.00583	.00236	.00109	.00935	.00906	.00727	.00632	.00466

RUN NO. 1470/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
.800	-6.946	.86392	.90113	.82013	.77041	.39184	.76846	.80389	.73011	.67043	.26114
.800	-6.433	.87537	.91265	.82802	.77570	.39557	.78123	.81598	.73970	.68247	.26736
.800	-5.930	.88718	.92488	.83680	.78225	.40068	.79367	.82804	.74901	.69515	.27312
.800	-5.424	.89705	.93495	.84381	.78520	.40468	.80411	.83800	.75656	.70635	.27783
.800	-4.919	.90706	.94533	.85097	.78978	.40854	.81406	.84775	.76357	.71617	.28205
.800	-4.411	.91578	.95454	.85785	.79489	.41209	.82264	.85633	.76982	.72292	.28531
.800	-3.907	.92295	.96223	.86366	.80016	.41585	.83040	.86357	.77542	.72868	.28905
.800	-3.391	.92985	.96992	.86957	.80497	.41886	.83768	.87070	.78091	.73477	.29196
.800	-2.882	.93507	.97582	.87401	.80746	.42090	.84377	.88661	.78548	.74043	.29464
.800	-2.369	.93974	.98172	.87847	.81026	.42325	.84931	.89253	.79077	.74403	.29814
.800	-1.855	.94361	.98636	.88229	.81168	.42408	.85417	.88802	.79466	.74779	.30071
.800	-1.340	.94650	.99025	.88531	.81243	.42433	.85784	.89222	.79740	.75089	.30225
.800	-.826	.94892	.99370	.88877	.81303	.42455	.86149	.89558	.80045	.75330	.30406
.800	-.319	.94942	.99513	.88841	.81191	.42370	.86312	.89731	.80168	.75340	.30505
.800	.174	.94925	.99627	.88917	.81111	.42233	.86429	.89616	.80154	.75184	.30628
.800	.677	.94784	.99567	.88856	.80896	.42011	.86395	.89718	.80270	.75116	.30643
.800	1.167	.94637	.99540	.88825	.80711	.41799	.86354	.89848	.80262	.75027	.30663
	GRADIENT	.00643	.00824	.00617	.00273	.00158	.00821	.00829	.00651	.00570	.00415

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(SCM053) (03 OCT 91)

PARAMETRIC DATA

BETA = 2.000 PHI = 180.000

RUN NO. 1503/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
.899	-6.941	.92199	.95806	.87703	.82716	.45428	.83152	.86529	.79221	.73492	.33073
.900	-6.424	.93364	.97034	.88602	.83372	.45965	.84349	.87722	.80133	.74633	.33659
.900	-5.920	.94427	.98135	.89364	.83938	.46353	.85448	.88787	.80941	.75783	.34093
.900	-5.411	.95381	.99139	.90096	.84259	.46793	.86392	.89702	.81631	.76800	.34493
.900	-4.911	.96224	1.00017	.90706	.84588	.47108	.87293	.90601	.82328	.77710	.34935
.900	-4.400	.97058	1.00886	.91355	.85106	.47464	.88136	.91424	.82949	.78383	.35298
.900	-3.890	.97728	1.01662	.91891	.85636	.47773	.88834	.92098	.83452	.78924	.35550
.900	-3.382	.98304	1.02288	.92352	.85981	.47998	.89459	.92702	.83901	.79416	.35812
.900	-2.874	.98870	1.02968	.92883	.86292	.48274	.90074	.93321	.84441	.80011	.36112
.900	-2.354	.99267	1.03444	.93217	.86482	.48381	.90583	.93846	.84871	.80277	.36364
.900	-1.843	.99647	1.03921	.93639	.86657	.48498	.91055	.94381	.85257	.80650	.36619
.900	-1.326	.99909	1.04289	.93925	.86709	.48533	.91407	.94782	.85490	.80933	.36793
.900	-.811	1.00055	1.04524	.94085	.86688	.48491	.91682	.95027	.85709	.81136	.36937
.900	-.303	1.00115	1.04696	.94168	.86614	.48437	.91876	.95233	.85896	.81148	.37079
.900	.189	1.00034	1.04726	.94182	.86468	.48234	.91932	.95025	.85751	.80936	.37108
.900	.691	1.00011	1.04816	.94271	.86383	.48127	.92002	.95285	.86038	.80977	.37201
.900	1.181	.99813	1.04743	.94179	.86176	.47914	.91916	.95342	.85991	.80879	.37249
GRADIENT		.00583	.00772	.00574	.00240	.00129	.00764	.00771	.00502	.00520	.00383

RUN NO. 1510/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.099	-6.983	1.06247	1.09581	1.01952	.97223	.63117	.98446	1.01616	.94829	.89525	.52767
1.100	-6.469	1.07253	1.10647	1.02716	.97794	.63568	.99502	1.02641	.95603	.90516	.53202
1.100	-5.966	1.08194	1.11614	1.03388	.98305	.63909	1.00459	1.03586	.96310	.91547	.53562
1.100	-5.464	1.08954	1.12476	1.03987	.98503	.64210	1.01313	1.04412	.96950	.92472	.53917
1.100	-4.962	1.09846	1.13396	1.04672	.98940	.64598	1.02208	1.05284	.97619	.93322	.54318
1.100	-4.465	1.10513	1.14113	1.05193	.99331	.64871	1.02873	1.05952	.98107	.93839	.54588
1.100	-3.960	1.11059	1.14715	1.05590	.99708	.65070	1.03417	1.06479	.98472	.94250	.54735
1.100	-3.455	1.11643	1.15407	1.06132	1.00128	.65360	1.04034	1.07080	.98968	.94770	.55013
1.100	-2.954	1.12155	1.15997	1.06562	1.00390	.65579	1.04589	1.07639	.99409	.95191	.55249
1.100	-2.451	1.12582	1.16503	1.06951	1.00624	.65738	1.05058	1.08153	.99796	.95509	.55457
1.100	-1.947	1.12879	1.16901	1.07294	1.00775	.65856	1.05406	1.08538	1.00094	.95792	.55637
1.100	-1.446	1.13149	1.17270	1.07592	1.00856	.65898	1.05729	1.08913	1.00361	.96050	.55782
1.100	-.940	1.13360	1.17580	1.07833	1.00907	.65960	1.05982	1.09159	1.00551	.96225	.55913
1.100	-.445	1.13393	1.17721	1.07910	1.00863	.65882	1.06052	1.09264	1.00568	.96130	.55884
1.100	.045	1.13522	1.17927	1.08103	1.00883	.65889	1.06165	1.09083	1.00594	.96054	.55917
1.100	.556	1.13500	1.18023	1.08225	1.00889	.65860	1.06131	1.09073	1.00634	.95954	.55909
1.100	1.060	1.13374	1.18013	1.08207	1.00754	.65724	1.06026	1.09301	1.00571	.95799	.55853
GRADIENT		.00594	.00777	.00602	.00294	.00191	.00654	.00663	.00509	.00431	.00272

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(SCMO53) (03 OCT 91)

PARAMETRIC DATA

BETA = 2.000 PHI = 180.000

RUN NO. 1526/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.250	-6.957	1.13734	1.17444	1.09274	1.04351	.70000	1.05416	1.08971	1.01785	.96635	.59230
1.250	-6.440	1.14682	1.18484	1.09991	1.04864	.70393	1.06383	1.09899	1.02485	.97601	.59580
1.250	-5.934	1.15652	1.19548	1.10743	1.05305	.70817	1.07337	1.10883	1.03214	.98646	.59987
1.250	-5.430	1.16381	1.20296	1.11219	1.05609	.71008	1.08208	1.11731	1.03851	.99551	.60349
1.250	-4.925	1.17069	1.21063	1.11814	1.05909	.71313	1.08901	1.12403	1.04349	1.00108	.60617
1.250	-4.420	1.17684	1.21792	1.12363	1.06251	.71577	1.09588	1.13101	1.04895	1.00691	.60958
1.250	-3.916	1.18337	1.22490	1.12851	1.06759	.71852	1.10206	1.13684	1.05357	1.01141	.61225
1.250	-3.403	1.18837	1.23069	1.13281	1.07037	.72079	1.10712	1.14223	1.05764	1.01584	.61473
1.250	-2.896	1.19276	1.23589	1.13684	1.07219	.72201	1.11208	1.14716	1.06090	1.01912	.61613
1.250	-2.387	1.19686	1.24111	1.14054	1.07452	.72362	1.11728	1.15294	1.06513	1.02281	.61882
1.250	-1.874	1.19984	1.24522	1.14422	1.07563	.72419	1.12110	1.15707	1.06816	1.02546	.62056
1.250	-1.365	1.20177	1.24832	1.14646	1.07523	.72484	1.12370	1.16015	1.07025	1.02749	.62178
1.250	-.853	1.20396	1.25154	1.14898	1.07583	.72484	1.12664	1.16331	1.07290	1.02919	.62390
1.250	-.349	1.20554	1.25382	1.15051	1.07610	.72455	1.12885	1.16489	1.07452	1.02970	.62495
1.250	.139	1.20496	1.25450	1.15098	1.07496	.72330	1.12906	1.16331	1.07366	1.02782	.62517
1.250	.644	1.20373	1.25449	1.15139	1.07414	.72173	1.12838	1.16337	1.07442	1.02701	.62503
1.250	1.138	1.20318	1.25525	1.15220	1.07358	.72091	1.12865	1.16619	1.07515	1.02696	.62587
GRADIENT		.00537	.00735	.00561	.00217	.00123	.00661	.00682	.00519	.00421	.00322

RUN NO. 1543/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.400	-6.961	1.16211	1.21301	1.11942	1.06588	.71552	1.06717	1.11732	1.03718	.98305	.60460
1.400	-6.443	1.17112	1.22332	1.12618	1.07100	.71914	1.07707	1.12831	1.04559	1.00053	.60929
1.400	-5.938	1.17929	1.23288	1.13307	1.07328	.72267	1.08608	1.13742	1.05252	1.01114	.61298
1.400	-5.435	1.18593	1.24143	1.13892	1.07671	.72499	1.09377	1.14467	1.05812	1.01893	.61554
1.400	-4.931	1.19362	1.25080	1.14595	1.08003	.72842	1.10183	1.15275	1.06425	1.02506	.61882
1.400	-4.431	1.20029	1.25843	1.15095	1.08411	.73104	1.10860	1.15984	1.06959	1.02899	.62166
1.400	-3.920	1.20536	1.26468	1.15514	1.08869	.73319	1.11380	1.16573	1.07388	1.03319	.62353
1.400	-3.416	1.21155	1.27136	1.16018	1.09189	.73581	1.11986	1.17199	1.07853	1.03771	.62562
1.400	-2.903	1.21590	1.27638	1.16339	1.09400	.73739	1.12540	1.17803	1.08321	1.04136	.62811
1.400	-2.397	1.21791	1.27968	1.16544	1.09479	.73757	1.12855	1.18203	1.08598	1.04349	.62909
1.400	-1.890	1.22111	1.28497	1.17080	1.09633	.73895	1.13286	1.18770	1.09001	1.04755	.63162
1.400	-1.377	1.22358	1.28887	1.17450	1.09576	.73966	1.13641	1.19102	1.09269	1.04932	.63336
1.400	-.867	1.22432	1.29184	1.17650	1.09535	.73924	1.13793	1.19370	1.09447	1.05013	.63431
1.400	-.364	1.22583	1.29439	1.17776	1.09531	.73850	1.14018	1.19451	1.09630	1.05087	.63518
1.400	.127	1.22568	1.29549	1.17870	1.09457	.73772	1.14077	1.19342	1.09611	1.04963	.63619
1.400	.630	1.22480	1.29571	1.17890	1.09310	.73648	1.14058	1.19397	1.09771	1.04957	.63659
1.400	1.128	1.22404	1.29521	1.17928	1.09202	.73500	1.14063	1.19751	1.09822	1.04910	.63691
GRADIENT		.00491	.00745	.00567	.00168	.00108	.00646	.00715	.00561	.00409	.00303

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(SCM053) (03 OCT 91)

PARAMETRIC DATA

BETA = 2.000 PHI = 180.000

RUN NO. 1560/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CPO4
1.450	-6.926	1.15836	1.22272	1.12317	1.06980	.72230	1.05706	1.11890	1.03826	.99458	.60708
1.450	-6.412	1.16610	1.23226	1.12955	1.07291	.72571	1.06457	1.12844	1.04511	1.00500	.61014
1.450	-5.899	1.17276	1.23926	1.13471	1.07494	.72773	1.07256	1.13705	1.05098	1.01401	.61295
1.450	-5.393	1.17980	1.24903	1.14266	1.07895	.73151	1.08049	1.14636	1.05793	1.02131	.61690
1.449	-4.889	1.18479	1.25663	1.14815	1.08099	.73295	1.08632	1.15265	1.06241	1.02516	.61858
1.449	-4.381	1.19263	1.26547	1.15387	1.08610	.73603	1.09339	1.16005	1.06766	1.03016	.62124
1.450	-3.867	1.19852	1.27228	1.15883	1.09143	.73922	1.09813	1.16732	1.07309	1.03567	.62380
1.450	-3.354	1.20348	1.27715	1.16178	1.09290	.74033	1.10353	1.17300	1.07708	1.03876	.62528
1.450	-2.838	1.20626	1.28092	1.16374	1.09422	.74145	1.10698	1.17847	1.08108	1.04127	.62693
1.450	-2.321	1.21036	1.28628	1.16877	1.09703	.74341	1.11249	1.18518	1.08634	1.04631	.62955
1.450	-1.801	1.21226	1.29112	1.17375	1.09749	.74407	1.11626	1.19032	1.09013	1.04904	.63165
1.450	-1.283	1.21323	1.29590	1.17739	1.09583	.74389	1.11833	1.19335	1.09254	1.05103	.63299
1.449	-763	1.21450	1.29986	1.17935	1.09532	.74313	1.12089	1.19578	1.09434	1.05187	.63421
1.451	-252	1.21612	1.30343	1.18116	1.09570	.74379	1.12386	1.19637	1.09681	1.05333	.63688
1.450	.240	1.21539	1.30421	1.18190	1.09437	.74185	1.12488	1.19556	1.09582	1.05139	.63785
1.449	.738	1.21317	1.30390	1.18199	1.09288	.73963	1.12417	1.19547	1.09725	1.05095	.63877
1.450	1.223	1.21197	1.30270	1.18194	1.09186	.73807	1.12475	1.19943	1.09863	1.05132	.64031
GRADIENT		.00421	.00777	.00574	.00130	.00080	.00630	.00735	.00589	.00423	.00351

RUN NO. 1645/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CPO4
1.470	-6.935	1.12699	1.20306	1.10356	1.05158	.70662	1.02345	1.10234	1.02054	.97917	.59014
1.470	-6.417	1.13619	1.21500	1.11198	1.05588	.71084	1.03248	1.11293	1.02869	.99035	.59459
1.470	-5.911	1.14067	1.22290	1.11675	1.05686	.71223	1.03729	1.12153	1.03462	.99948	.59682
1.471	-5.403	1.14983	1.23221	1.12394	1.06068	.71552	1.04675	1.13135	1.04195	1.00702	.59998
1.470	-4.897	1.15387	1.23848	1.12842	1.06284	.71707	1.05228	1.13904	1.04785	1.01188	.60244
1.484	-4.389	1.15923	1.24561	1.13331	1.06739	.71957	1.05816	1.14551	1.05307	1.01685	.60499
1.485	-3.881	1.16361	1.25215	1.13862	1.07261	.72254	1.06283	1.15133	1.05752	1.02116	.60725
1.484	-3.365	1.16803	1.25801	1.14249	1.07474	.72445	1.06753	1.15680	1.06136	1.02384	.60887
1.484	-2.855	1.17241	1.26400	1.14571	1.07676	.72650	1.07233	1.16274	1.06592	1.02729	.61106
1.470	-2.336	1.17441	1.26690	1.14768	1.07572	.72712	1.07605	1.16729	1.06848	1.02953	.61228
1.484	-1.821	1.17588	1.27079	1.15126	1.07438	.72757	1.07940	1.17221	1.07180	1.03241	.61449
1.471	-1.304	1.17814	1.27480	1.15449	1.07419	.72857	1.08234	1.17622	1.07494	1.03501	.61703
1.470	-.785	1.17871	1.27728	1.15582	1.07385	.72775	1.08389	1.17860	1.07680	1.03594	.61852
1.469	-.274	1.17815	1.27773	1.15586	1.07257	.72547	1.08493	1.17650	1.07692	1.03489	.61899
1.470	-.219	1.17913	1.28005	1.15831	1.07333	.72463	1.08764	1.17754	1.07780	1.03451	.62219
1.470	.719	1.17630	1.27918	1.15733	1.07062	.72110	1.08642	1.17671	1.07781	1.03254	.62242
1.470	1.206	1.17582	1.27955	1.15798	1.06957	.71997	1.08801	1.18153	1.07964	1.03317	.62479
GRADIENT		.00351	.00667	.00477	.00049	.00044	.00578	.00663	.00507	.00340	.00356

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(SCM053) (03 OCT 91)

PARAMETRIC DATA

BETA = 2.000 PHI = 180.000

RUN NO. 1595/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CP04
1.493	-6.939	1.08512	1.19731	1.09510	1.04230	.70089	.97555	1.09574	1.01385	.97675	.58821
1.493	-6.426	1.08894	1.20726	1.10234	1.04471	.70454	.98004	1.10548	1.02089	.98746	.59151
1.493	-5.914	1.09173	1.21609	1.10727	1.04665	.70710	.98272	1.11413	1.02726	.99617	.59450
1.493	-5.410	1.09330	1.22466	1.11352	1.04966	.71230	.98391	1.12322	1.03413	1.00302	.59787
1.493	-4.904	1.09162	1.23222	1.11890	1.05228	.71230	.98220	1.13053	1.03957	1.00717	.60017
1.493	-4.395	1.09268	1.24113	1.12546	1.05819	.71550	.98253	1.13798	1.04541	1.01215	.60307
1.493	-3.887	1.09277	1.24785	1.12983	1.06258	.71712	.98275	1.14365	1.04947	1.01600	.60491
1.493	-3.373	1.09163	1.25427	1.13276	1.06409	.71845	.98160	1.14950	1.05341	1.01828	.60616
1.493	-2.863	1.08917	1.25904	1.13426	1.06439	.71973	.97975	1.15556	1.05726	1.02142	.60802
1.493	-2.350	1.08422	1.26106	1.13592	1.06228	.71938	.97582	1.16049	1.05976	1.02351	.60926
1.493	-1.832	1.08025	1.26555	1.14022	1.06168	.72079	.97209	1.16768	1.06411	1.02756	.61203
1.493	-1.314	1.07918	1.26826	1.14246	1.06153	.72090	.97176	1.17194	1.06684	1.02959	.61366
1.493	-.797	1.07741	1.27023	1.14412	1.06186	.72028	.97142	1.17271	1.06919	1.03072	.61518
1.493	-.289	1.07344	1.27139	1.14518	1.06147	.71922	.96844	1.17080	1.06954	1.02977	.61583
1.493	.202	1.07488	1.27286	1.14681	1.06123	.71812	.97204	1.17068	1.06999	1.02860	.61779
1.493	.705	1.07363	1.27343	1.14691	1.05958	.71642	.97283	1.17173	1.07176	1.02847	.61891
1.493	1.192	1.07370	1.27423	1.14718	1.05802	.71455	.97441	1.17516	1.07289	1.02820	.61933
GRADIENT		-.00385	.00641	.00440	.00024	.00030	-.00214	.00706	.00532	.00343	.00316

RUN NO. 1611/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CP04
1.516	-6.939	.98320	1.19887	1.09688	1.04593	.70263	.85920	1.09415	1.01267	.97945	.58942
1.516	-6.422	.97742	1.20788	1.10311	1.04766	.70514	.85466	1.10238	1.01817	.98897	.59215
1.516	-5.914	.96874	1.21903	1.11087	1.05140	.70922	.84560	1.11279	1.02564	.99906	.59680
1.516	-5.410	.96917	1.22870	1.11720	1.05319	.71253	.84588	1.12118	1.03120	1.00438	.59952
1.516	-4.897	.96418	1.23556	1.12100	1.05578	.71457	.84222	1.12940	1.03673	1.00786	.60239
1.516	-4.396	.96266	1.24288	1.12594	1.06108	.71763	.84003	1.13659	1.04194	1.01080	.60449
1.516	-3.887	.94985	1.25032	1.13098	1.06519	.72009	.82561	1.14421	1.04738	1.01502	.60692
1.516	-3.378	.94207	1.25769	1.13445	1.06780	.72181	.81723	1.15144	1.05113	1.01856	.60836
1.516	-2.863	.93604	1.26501	1.13901	1.06961	.72314	.81330	1.16018	1.05588	1.02281	.61063
1.516	-2.346	.92933	1.27059	1.14316	1.06830	.72354	.80950	1.16734	1.05903	1.02553	.61219
1.517	-1.834	.92520	1.27667	1.14728	1.06732	.72444	.80791	1.17440	1.06325	1.02892	.61450
1.516	-1.314	.92287	1.28061	1.14916	1.06732	.72432	.80781	1.17799	1.06603	1.03038	.61567
1.517	-.799	.92428	1.28357	1.15076	1.06733	.72404	.80985	1.17875	1.06905	1.03148	.61735
1.516	-.288	.92147	1.28482	1.15108	1.06529	.72126	.81020	1.17487	1.06922	1.03004	.61769
1.516	.203	.92408	1.28741	1.15363	1.06588	.72036	.81505	1.17463	1.06947	1.02871	.62023
1.517	.704	.92091	1.28684	1.15308	1.06439	.71788	.81486	1.17483	1.07094	1.02881	.62088
1.516	1.195	.91955	1.28598	1.15262	1.06249	.71559	.81555	1.18073	1.07351	1.02890	.62128
GRADIENT		-.00724	.00862	.00534	.00050	.00011	-.00387	.00797	.00584	.00354	.00316

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(SCM053) (03 OCT 91)

PARAMETRIC DATA

BETA = 2.000 PHI = 180.000

RUN NO. 1626/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.542	-6.938	.81375	1.19931	1.09392	1.04217	.69921	.69285	1.09739	1.01079	.98137	.59291
1.541	-6.426	.81313	1.20848	1.09903	1.04274	.70185	.69565	1.10896	1.01792	.98562	.59546
1.540	-5.921	.81390	1.21734	1.10396	1.04738	.70387	.69912	1.12119	1.02487	.99059	.59759
1.541	-5.410	.81705	1.22846	1.10960	1.05269	.70801	.70505	1.13569	1.03254	.99870	.60117
1.542	-4.902	.81916	1.23830	1.11306	1.05428	.71090	.71061	1.14971	1.03977	1.00618	.60490
1.542	-4.395	.82251	1.24788	1.11715	1.05544	.71304	.71724	1.16117	1.04492	1.01117	.60682
1.542	-3.887	.82895	1.25907	1.12291	1.05776	.71563	.72792	1.17349	1.05080	1.01642	.60914
1.542	-3.373	.83777	1.26989	1.12762	1.05896	.71702	.74055	1.18137	1.05587	1.02055	.61035
1.542	-2.863	.85435	1.28323	1.13420	1.06088	.71870	.76283	1.17722	1.06328	1.02659	.61278
1.542	-2.350	.88966	1.30188	1.14179	1.06376	.72001	.80387	1.13142	1.07109	1.02945	.61476
1.542	-1.828	.91669	1.32114	1.14718	1.06461	.72048	.83708	1.08435	1.07151	1.02743	.61650
1.542	-1.314	.93142	1.33599	1.15057	1.06500	.72046	.85470	1.06227	1.06548	1.02198	.61699
1.542	-.796	.94090	1.34636	1.15367	1.06622	.72089	.86570	1.05695	1.05938	1.01659	.61831
1.542	-.288	.94882	1.35181	1.15662	1.06704	.72122	.87535	1.05698	1.05752	1.01450	.62050
1.542	.204	.95302	1.35343	1.15789	1.06598	.72007	.88154	1.05939	1.05833	1.01437	.62140
1.542	.705	.95445	1.35177	1.15806	1.06428	.71789	.88467	1.06069	1.06090	1.01592	.62063
1.542	1.194	.95445	1.35063	1.15791	1.06239	.71640	.88646	1.06027	1.06456	1.01850	.62053
		.02713	.02133	.00807	.00175	.00100	.03416	-.02352	.00270	.00047	.00276

GRADIENT

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(SCM054) (03 OCT 91)

PARAMETRIC DATA

BETA = 2.500 PHI = 180.000

RUN NO. 1580/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CPO4
.600	-6.906	.79220	.83107	.75500	.70609	.34048	.67091	.70883	.63639	.57635	.18133
.599	-6.393	.80624	.84476	.76491	.71337	.34633	.68443	.72114	.64544	.58868	.18660
.599	-5.888	.81881	.85690	.77371	.71945	.35050	.69760	.73367	.65486	.60212	.19191
.600	-5.376	.82959	.86717	.78086	.72373	.35517	.70900	.74443	.66300	.61525	.19743
.599	-4.867	.84123	.87875	.78891	.72953	.35888	.72007	.75487	.67046	.62467	.20023
.600	-4.359	.85020	.88702	.79547	.73429	.36320	.72949	.76380	.67745	.63157	.20579
.600	-3.844	.85838	.89600	.80202	.73955	.36619	.73790	.77194	.68306	.63733	.20797
.600	-3.328	.86684	.90435	.80831	.74462	.37117	.74745	.78085	.69061	.64553	.21407
.600	-2.814	.87161	.90976	.81255	.74686	.37230	.75353	.78657	.69513	.65131	.21603
.600	-2.295	.87689	.91572	.81686	.74900	.37255	.75988	.79212	.70004	.65439	.21763
.600	-1.781	.88152	.92085	.82127	.75123	.37440	.76595	.79826	.70504	.65849	.22160
.600	-1.259	.88423	.92469	.82411	.75224	.37464	.77024	.80340	.70869	.66191	.22399
.601	-.743	.88492	.92626	.82479	.75127	.37382	.77321	.80613	.71079	.66337	.22603
.600	-.235	.88613	.92865	.82620	.75062	.37307	.77591	.80775	.71331	.66472	.22764
.600	.258	.88579	.92961	.82689	.75009	.37153	.77752	.80770	.71275	.66461	.22903
.600	.760	.88341	.92852	.82580	.74764	.36918	.77660	.80882	.71462	.66241	.22935
.600	1.250	.88248	.92848	.82569	.74593	.36645	.77713	.80955	.71476	.66203	.22932
GRADIENT		.00662	.00812	.00599	.00256	.00117	.00937	.00890	.00730	.00621	.00477

RUN NO. 1471/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CPO4
.800	-6.935	.87307	.90989	.82989	.78039	.40487	.75839	.79371	.71898	.66095	.24839
.800	-6.421	.88556	.92256	.83912	.78713	.40980	.77147	.80631	.72862	.67257	.25415
.800	-5.912	.89681	.93447	.84771	.79324	.41469	.78298	.81691	.73691	.68428	.25869
.800	-5.407	.90749	.94557	.85515	.79702	.41859	.79376	.82749	.74470	.69605	.26311
.800	-4.902	.91690	.95545	.86277	.80166	.42272	.80322	.83670	.75165	.70511	.26711
.801	-4.395	.92579	.96438	.86967	.80745	.42715	.81267	.84573	.75880	.71257	.27248
.800	-3.886	.93287	.97192	.87487	.81199	.42996	.81974	.85278	.76374	.71774	.27499
.800	-3.379	.93891	.97850	.87963	.81544	.43239	.82660	.85944	.76838	.72318	.27789
.800	-2.896	.94538	.98596	.88580	.81939	.43535	.83374	.86656	.77438	.72997	.28155
.800	-2.354	.94961	.99106	.88938	.82102	.43675	.83895	.87123	.77840	.73262	.28377
.800	-1.841	.95335	.99578	.89364	.82273	.43803	.84373	.87666	.78266	.73623	.28656
.800	-1.332	.95582	.99922	.89621	.82332	.43781	.84738	.88130	.78555	.73921	.28817
.800	-.819	.95763	1.00199	.89797	.82352	.43741	.85064	.88458	.78820	.74131	.28975
.800	-.312	.95864	1.00404	.89920	.82267	.43681	.85285	.88602	.79005	.74204	.29104
.800	.177	.95874	1.00571	.90079	.82308	.43637	.85390	.88504	.78978	.73977	.29259
.800	.686	.95700	1.00516	.90006	.82083	.43376	.85282	.88474	.79066	.73919	.29151
.800	1.179	.95520	1.00458	.89953	.81944	.43176	.85215	.88663	.79005	.73776	.29167
GRADIENT		.00627	.00812	.00612	.00271	.00142	.00814	.00811	.00642	.00544	.00404

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(SCMO54) (03 OCT 91)

PARAMETRIC DATA

BETA = 2.500 PHI = 180.000

RUN NO. 1505/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
.897	-6.924	.92924	.96527	.88539	.83601	.46549	.81872	.85316	.77884	.72272	.31503
.901	-6.413	.94553	.98173	.89881	.84694	.47501	.83576	.86921	.79207	.73835	.32491
.900	-5.901	.95379	.99042	.90442	.85045	.47755	.84482	.87800	.79845	.74830	.32836
.900	-5.397	.96247	.99976	.91051	.85326	.48022	.85347	.88679	.80476	.75767	.33126
.899	-4.892	.97069	1.00898	.91708	.85729	.48419	.86196	.89502	.81122	.76614	.33505
.900	-4.384	.97971	1.01831	.92446	.86303	.48900	.87120	.90405	.81820	.77385	.33992
.900	-3.879	.98777	1.02666	.93070	.86867	.49272	.87933	.91146	.82373	.77974	.34305
.901	-3.364	.99487	1.03444	.93680	.87324	.49634	.88712	.91918	.82992	.78627	.34704
.900	-2.856	.99778	1.03837	.93956	.87369	.49653	.89098	.92300	.83271	.78948	.34809
.899	-2.344	1.00153	1.04299	.94274	.87540	.49682	.89531	.92766	.83654	.79218	.34950
.900	-1.830	1.00539	1.04787	.94710	.87755	.49865	.90038	.93299	.84091	.79554	.35279
.900	-1.314	1.00766	1.05131	.94981	.87844	.49913	.90393	.93768	.84403	.79840	.35486
.900	-.805	1.00975	1.05419	.95190	.87875	.49899	.90724	.94068	.84653	.80049	.35646
.900	-.296	1.01026	1.05610	.95292	.87772	.49806	.90894	.94179	.84795	.80099	.35730
.900	.193	1.00993	1.05683	.95349	.87726	.49666	.90979	.94027	.84686	.79789	.35797
.900	.699	1.00936	1.05718	.95392	.87611	.49539	.91016	.94191	.84889	.79871	.35865
.900	1.191	1.00783	1.05733	.95413	.87512	.49418	.90960	.94289	.84876	.79818	.35927
GRADIENT		.00580	.00768	.00585	.00253	.00130	.00767	.00763	.00606	.00500	.00380

RUN NO. 1511/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.099	-6.976	1.07070	1.10376	1.02837	.98135	.64276	.97503	1.00665	.93761	.88590	.51551
1.100	-6.465	1.08130	1.11475	1.03661	.98745	.64749	.98616	1.01746	.94605	.89652	.52053
1.100	-5.962	1.09012	1.12442	1.04356	.99278	.65123	.99532	1.02645	.95276	.90654	.52399
1.100	-5.457	1.09872	1.13360	1.04993	.99616	.65462	1.00426	1.03517	.95937	.91638	.52762
1.100	-4.961	1.10728	1.14263	1.05677	1.00055	.65846	1.01245	1.04300	.96533	.92365	.53073
1.100	-4.461	1.11392	1.15014	1.06221	1.00419	.66095	1.01983	1.05026	.97097	.92928	.53385
1.100	-3.954	1.11984	1.15660	1.06666	1.00832	.66374	1.02577	1.05598	.97518	.93383	.53587
1.100	-3.449	1.12493	1.16248	1.07099	1.01119	.66583	1.03095	1.06121	.97895	.93804	.53763
1.100	-2.948	1.12964	1.16794	1.07536	1.01356	.66772	1.03620	1.06636	.98318	.94253	.54005
1.100	-2.443	1.13385	1.17290	1.07910	1.01601	.66951	1.04089	1.07140	.98703	.94539	.54214
1.100	-1.943	1.13749	1.17758	1.08318	1.01801	.67074	1.04522	1.07571	.99048	.94790	.54407
1.100	-1.441	1.13934	1.18056	1.08571	1.01880	.67090	1.04750	1.07929	.99266	.94989	.54515
1.100	-.939	1.14103	1.18292	1.08750	1.01889	.67082	1.05002	1.08177	.99442	.95137	.54631
1.100	-.442	1.14243	1.18547	1.08947	1.01944	.67115	1.05163	1.08297	.99579	.95162	.54681
1.100	.050	1.14232	1.18639	1.09036	1.01872	.67034	1.05199	1.08031	.99525	.94989	.54677
1.100	.562	1.14257	1.18777	1.09183	1.01907	.67018	1.05186	1.08008	.99592	.94901	.54660
1.100	1.063	1.14109	1.18748	1.09160	1.01765	.66873	1.05056	1.08227	.99473	.94718	.54583
GRADIENT		.00566	.00748	.00590	.00281	.00173	.00646	.00642	.00504	.00402	.00264

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(SCM054) (03 OCT 91)

PARAMETRIC DATA

RUN NO. 1527/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00 BETA = 2.500 PHI = 180.000

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CP04
1.250	-6.945	1.14634	1.18300	1.10237	1.05341	.71222	1.04408	1.07952	1.00674	.95687	.57988
1.250	-6.431	1.15559	1.19318	1.10944	1.05828	.71568	1.05456	1.08987	1.01468	.96744	.58452
1.250	-5.924	1.16491	1.20365	1.11673	1.06243	.71931	1.06457	1.09948	1.02209	.97831	.58868
1.250	-5.417	1.17288	1.21221	1.12247	1.06589	.72230	1.07286	1.10807	1.02845	.98668	.59215
1.249	-4.916	1.17993	1.21947	1.12817	1.06937	.72501	1.08033	1.11540	1.03385	.99274	.59512
1.250	-4.408	1.18620	1.22654	1.13367	1.07356	.72784	1.08710	1.12174	1.03871	.99786	.59789
1.250	-3.898	1.19161	1.23321	1.13863	1.07757	.73058	1.09250	1.12725	1.04308	1.00214	.60048
1.250	-3.391	1.19688	1.23955	1.14334	1.08063	.73252	1.09788	1.13235	1.04693	1.00581	.60233
1.250	-2.882	1.20209	1.24529	1.14776	1.08317	.73472	1.10325	1.13806	1.05140	1.00996	.60513
1.250	-2.372	1.20577	1.24989	1.15089	1.08499	.73580	1.10805	1.14310	1.05504	1.01278	.60751
1.250	-1.868	1.20717	1.25218	1.15315	1.08487	.73521	1.11061	1.14623	1.05694	1.01461	.60843
1.250	-1.356	1.21091	1.25694	1.15711	1.08661	.73647	1.11521	1.15158	1.06065	1.01789	.61118
1.250	-.848	1.21211	1.25925	1.15871	1.08627	.73593	1.11741	1.15375	1.06220	1.01910	.61209
1.250	-.343	1.21298	1.26130	1.16012	1.08636	.73560	1.11896	1.15432	1.06358	1.01930	.61297
1.250	.146	1.21306	1.26253	1.16151	1.08623	.73491	1.11988	1.15301	1.06268	1.01702	.61371
1.250	.654	1.21173	1.26247	1.16145	1.08497	.73308	1.11892	1.15266	1.06360	1.01640	.61285
1.250	1.149	1.21090	1.26270	1.16198	1.08433	.73228	1.11885	1.15545	1.06387	1.01602	.61342
GRADIENT		.00514	.00714	.00556	.00225	.00108	.00651	.00656	.00500	.00387	.00312

RUN NO. 1544/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CP04
1.400	-6.953	1.17280	1.22315	1.13032	1.07680	.72781	1.05853	1.10882	1.02762	.98200	.59406
1.400	-6.436	1.18091	1.23227	1.13621	1.08076	.73084	1.06687	1.11773	1.03408	.99154	.59705
1.400	-5.929	1.18950	1.24239	1.14348	1.08420	.73461	1.07621	1.12727	1.04134	1.00205	.60086
1.400	-5.422	1.19616	1.25075	1.14978	1.08715	.73732	1.08373	1.13500	1.04704	1.00953	.60370
1.400	-4.918	1.20335	1.26010	1.15670	1.09100	.74080	1.09206	1.14277	1.05355	1.01573	.60729
1.400	-4.416	1.20979	1.26772	1.16173	1.09599	.74353	1.09825	1.14912	1.05825	1.01935	.60918
1.400	-3.911	1.21551	1.27415	1.16613	1.09996	.74576	1.10351	1.15474	1.06220	1.02250	.61098
1.400	-3.406	1.22139	1.28090	1.17108	1.10309	.74841	1.11031	1.16203	1.06807	1.02793	.61431
1.400	-2.893	1.22538	1.28573	1.17444	1.10470	.74996	1.11478	1.16708	1.07174	1.03041	.61589
1.400	-2.387	1.22847	1.28967	1.17734	1.10647	.75083	1.11905	1.17259	1.07563	1.03409	.61799
1.400	-1.880	1.23132	1.29403	1.18223	1.10809	.75152	1.12306	1.17774	1.07913	1.03672	.61981
1.400	-1.366	1.23304	1.29759	1.18548	1.10776	.75181	1.12640	1.18181	1.08199	1.03925	.62165
1.400	-.863	1.23368	1.29992	1.18727	1.10698	.75110	1.12832	1.18380	1.08371	1.04011	.62240
1.400	-.359	1.23479	1.30250	1.18877	1.10728	.75063	1.12996	1.18388	1.08562	1.04075	.62361
1.399	.132	1.23483	1.30367	1.19012	1.10716	.74998	1.13112	1.18249	1.08459	1.03829	.62430
1.400	.639	1.23402	1.30379	1.19025	1.10591	.74878	1.13073	1.18211	1.08672	1.03895	.62444
1.400	1.134	1.23275	1.30327	1.19008	1.10459	.74759	1.13021	1.18651	1.08668	1.03811	.62457
GRADIENT		.00475	.00717	.00572	.00194	.00102	.00648	.00704	.00559	.00390	.00302

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(SCM054) (03 OCT 91)

PARAMETRIC DATA

BETA = 2.500 PHI = 180.000

RUN NO. 1561/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.450	-6.907	1.16916	1.23278	1.13454	1.08041	.73457	1.04641	1.10861	1.02697	.98611	.59483
1.450	-6.392	1.17604	1.24082	1.13960	1.08239	.73696	1.05344	1.11689	1.03276	.99534	.59698
1.450	-5.882	1.18532	1.25041	1.14677	1.08716	.74113	1.06341	1.12781	1.04100	1.00567	.60196
1.450	-5.371	1.19014	1.25761	1.15293	1.08987	.74319	1.07026	1.13526	1.04662	1.01155	.60447
1.450	-4.869	1.19720	1.26783	1.16067	1.09418	.74743	1.07707	1.14291	1.05194	1.01627	.60718
1.449	-4.360	1.20245	1.27468	1.16472	1.09780	.74883	1.08251	1.14905	1.05612	1.01964	.60887
1.450	-3.846	1.20933	1.28213	1.17009	1.10243	.75167	1.08855	1.15640	1.06164	1.02453	.61173
1.450	-3.331	1.21410	1.28746	1.17381	1.10448	.75372	1.09351	1.16276	1.06616	1.02867	.61385
1.450	-2.816	1.21812	1.29233	1.17660	1.10646	.75518	1.09825	1.16937	1.07120	1.03246	.61624
1.450	-2.304	1.22084	1.29568	1.17925	1.10773	.75553	1.10212	1.17430	1.07458	1.03479	.61754
1.450	-1.784	1.22237	1.29953	1.18441	1.10897	.75628	1.10518	1.17934	1.07783	1.03758	.61929
1.449	-1.267	1.22374	1.30314	1.18764	1.10752	.75562	1.10889	1.18314	1.08088	1.03998	.62116
1.451	-.755	1.22463	1.30714	1.19056	1.10787	.75582	1.11132	1.18606	1.08359	1.04177	.62324
1.450	-.246	1.22538	1.31010	1.19233	1.10802	.75605	1.11343	1.18536	1.08566	1.04281	.62521
1.450	-.245	1.22454	1.31119	1.19361	1.10782	.75472	1.11424	1.18472	1.08407	1.04033	.62640
1.450	.749	1.22414	1.31171	1.19449	1.10702	.75331	1.11495	1.18532	1.08732	1.04131	.62766
1.450	1.238	1.22266	1.31058	1.19362	1.10536	.75147	1.11489	1.18951	1.08750	1.04077	.62830
	GRADIENT	.00401	.00714	.00574	.00160	.00073	.00630	.00737	.00591	.00415	.00356

RUN NO. 1646/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.470	-6.918	1.13800	1.21239	1.11415	1.06199	.71838	1.01304	1.09201	1.00911	.97083	.57769
1.471	-6.398	1.14728	1.22453	1.12294	1.06683	.72280	1.02234	1.10289	1.01766	.98252	.58282
1.470	-5.895	1.15213	1.23286	1.12787	1.06807	.72439	1.02708	1.11025	1.02271	.98988	.58446
1.470	-5.385	1.16011	1.24103	1.13414	1.07111	.72726	1.03596	1.12003	1.03009	.99738	.58819
1.470	-4.881	1.16527	1.24795	1.14000	1.07430	.72949	1.04219	1.12813	1.03599	1.00202	.59066
1.470	-4.369	1.17050	1.25556	1.14505	1.07970	.73236	1.04808	1.13512	1.04157	1.00639	.59276
1.471	-3.862	1.17531	1.26215	1.15021	1.08423	.73558	1.05341	1.14177	1.04710	1.01133	.59608
1.470	-3.347	1.17881	1.26747	1.15343	1.08554	.73713	1.05740	1.14631	1.05050	1.01394	.59720
1.470	-2.830	1.18231	1.27334	1.15620	1.08698	.73902	1.06180	1.15216	1.05519	1.01712	.59961
1.470	-2.320	1.18533	1.27659	1.15900	1.08724	.73949	1.06610	1.15718	1.05820	1.01950	.60106
1.484	-1.804	1.18665	1.27889	1.16182	1.08554	.73909	1.06900	1.16101	1.05983	1.02094	.60201
1.484	-1.291	1.18875	1.28372	1.16558	1.08560	.73981	1.07323	1.16690	1.06393	1.02472	.60482
1.484	-.777	1.18842	1.28490	1.16598	1.08439	.73836	1.07453	1.16817	1.06499	1.02496	.60600
1.470	-.267	1.18889	1.28719	1.16767	1.08476	.73782	1.07660	1.16839	1.06663	1.02526	.60791
1.484	.225	1.18764	1.28725	1.16789	1.08352	.73536	1.07648	1.16521	1.06443	1.02163	.60893
1.470	.728	1.18818	1.28877	1.16963	1.08379	.73536	1.07827	1.16599	1.06776	1.02324	.61123
1.484	1.219	1.18565	1.28723	1.16832	1.08071	.73140	1.07738	1.17018	1.06730	1.02151	.61121
	GRADIENT	.00331	.00638	.00467	.00051	.00025	.00588	.00650	.00498	.00321	.00340

IA310 (AEDC 16TF-783) TABULATED DATA
IA310 (AEDC 16TF-783) PROBE CALIBRATION

(SCM054) (03 OCT 91)

PARAMETRIC DATA

BETA = 2.500 PHI = 180.000

RUN NO. 1596/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.492	-6.926	1.09752	1.20708	1.10591	1.05306	.71318	.96504	1.08467	1.00175	.96814	.57533
1.493	-6.404	1.10114	1.21674	1.11318	1.03567	.71658	.96353	1.09486	1.00937	.97905	.57946
1.493	-5.902	1.10478	1.22621	1.11838	1.05757	.71922	.97366	1.10291	1.01536	.98687	.58214
1.493	-5.392	1.10675	1.23439	1.12455	1.06052	.72202	.97455	1.11135	1.02157	.99240	.58510
1.493	-4.888	1.10730	1.24266	1.13082	1.06422	.72509	.97503	1.12018	1.02812	.99753	.58852
1.493	-4.378	1.10636	1.25046	1.13633	1.06973	.72759	.97329	1.12751	1.03378	1.00232	.59104
1.493	-3.865	1.10455	1.25629	1.14015	1.07284	.72838	.97149	1.13217	1.03702	1.00488	.59175
1.493	-3.357	1.10487	1.26399	1.14464	1.07562	.73110	.97237	1.13926	1.04262	1.00839	.59445
1.493	-2.844	1.10354	1.26885	1.14618	1.07606	.73188	.97195	1.14527	1.04636	1.01149	.59618
1.493	-2.331	1.10279	1.27292	1.14980	1.07651	.73312	.97148	1.15224	1.05061	1.01505	.59876
1.493	-1.818	1.09909	1.27606	1.15284	1.07421	.73290	.96906	1.15818	1.05327	1.01766	.60008
1.493	-1.301	1.09613	1.27869	1.15487	1.07357	.73290	.96711	1.16318	1.05677	1.02017	.60208
1.493	-.789	1.09443	1.27964	1.15540	1.07299	.73183	.96684	1.16193	1.05831	1.02032	.60292
1.493	-.283	1.09133	1.28022	1.15570	1.07226	.73058	.96520	1.15839	1.05810	1.01903	.60348
1.493	.208	1.08885	1.28194	1.15755	1.07230	.72974	.96397	1.15858	1.05707	1.01617	.60489
1.493	.716	1.08921	1.28295	1.15845	1.07144	.72846	.96607	1.15900	1.05979	1.01739	.60620
1.493	1.208	1.09225	1.28380	1.15941	1.07052	.72719	.97090	1.16362	1.06174	1.01756	.60708
GRADIENT		-.00328	.00635	.00441	.00027	.00023	-.00137	.00676	.00528	.00320	.00306

RUN NO. 1612/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.517	-6.923	1.00115	1.20950	1.10911	1.05763	.71580	.85181	1.08472	1.00229	.97253	.57824
1.517	-6.409	.99522	1.22013	1.11680	1.06062	.71959	.84622	1.09448	1.00945	.98299	.58224
1.516	-5.899	.98497	1.22874	1.12208	1.06252	.72149	.83611	1.10206	1.01442	.98992	.58452
1.516	-5.391	.98538	1.23793	1.12823	1.06424	.72445	.83635	1.11021	1.01973	.99461	.58749
1.516	-4.890	.98181	1.24598	1.13295	1.06735	.72754	.83319	1.11849	1.02508	.99814	.59050
1.517	-4.378	.97610	1.25233	1.13722	1.07205	.73000	.82805	1.12610	1.03052	1.00116	.59290
1.517	-3.870	.96618	1.25924	1.14192	1.07565	.73205	.81692	1.13316	1.03525	1.00430	.59467
1.516	-3.357	.96147	1.26697	1.14642	1.07957	.73439	.81035	1.14139	1.04024	1.00903	.59731
1.517	-2.844	.95076	1.27441	1.15086	1.08251	.73625	.80103	1.15014	1.04495	1.01319	.59962
1.516	-2.331	.94868	1.28086	1.15604	1.08267	.73719	.80125	1.15800	1.04876	1.01653	.60141
1.516	-1.814	.94498	1.28595	1.16048	1.08070	.73745	.80019	1.16420	1.05239	1.01928	.60304
1.517	-1.300	.93896	1.28934	1.16181	1.07958	.73668	.79777	1.16649	1.05469	1.02042	.60377
1.516	-.788	.93539	1.29183	1.16235	1.07845	.73490	.79761	1.16535	1.05657	1.02042	.60437
1.517	-.282	.93678	1.29479	1.16439	1.07856	.73397	.80058	1.16256	1.05754	1.01986	.60642
1.516	.209	.93634	1.29535	1.16483	1.07719	.73171	.80227	1.16079	1.05505	1.01589	.60735
1.517	.714	.93446	1.29597	1.16578	1.07654	.73069	.80186	1.16152	1.05761	1.01785	.60860
1.517	1.209	.93335	1.29514	1.16589	1.07521	.72902	.80223	1.16695	1.06124	1.01793	.60911
GRADIENT		-.00792	.00847	.00556	.00067	.00008	-.00451	.00736	.00554	.00324	.00302

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(SCM054) (03 OCT 91)

PARAMETRIC DATA

BETA = 2.500 PHI = 180.000

RUN NO. 1627/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CPC04
1.541	-6.920	.82698	1.20885	1.10475	1.05311	.71117	.68035	1.08559	.99790	.97273	.57989
1.541	-6.406	.82733	1.21941	1.11171	1.05544	.71492	.68476	1.09882	1.00663	.97740	.58400
1.541	-5.899	.82795	1.22798	1.11761	1.06001	.71775	.68856	1.11234	1.01511	.98322	.58741
1.542	-5.391	.83068	1.23862	1.12337	1.06568	.72144	.69470	1.12691	1.02287	.99070	.59121
1.541	-4.888	.83076	1.24607	1.12518	1.06593	.72309	.69805	1.13830	1.02759	.99565	.59265
1.541	-4.377	.83432	1.25654	1.13015	1.06817	.72639	.70508	1.15087	1.03401	1.00176	.59521
1.541	-3.865	.83758	1.26635	1.13470	1.06945	.72815	.71298	1.16165	1.03987	1.00658	.59735
1.541	-3.358	.84422	1.27705	1.13991	1.07159	.73065	.72474	1.16864	1.04631	1.01169	.59984
1.541	-2.843	.85350	1.28755	1.14541	1.07259	.73197	.73888	1.16522	1.05255	1.01631	.60165
1.541	-2.329	.86963	1.29863	1.15178	1.07406	.73318	.76092	1.14215	1.05874	1.02033	.60400
1.541	-1.818	.89898	1.31251	1.15613	1.07499	.73258	.79650	1.09176	1.05924	1.01767	.60456
1.541	-1.301	.92283	1.32813	1.16083	1.07696	.73331	.82660	1.06018	1.05377	1.01274	.60613
1.541	-.790	.93493	1.34074	1.16361	1.07820	.73350	.84258	1.04971	1.04596	1.00590	.60756
1.541	-.282	.94404	1.34902	1.16677	1.07958	.73410	.85369	1.05051	1.04209	1.00151	.60963
1.541	.210	.94691	1.35170	1.16697	1.07767	.73240	.85851	1.05252	1.04150	.99995	.60948
1.541	.713	.94748	1.35322	1.16741	1.07606	.73066	.86029	1.05206	1.04325	1.00109	.60918
1.541	1.205	.94704	1.35156	1.16701	1.07391	.72873	.86170	1.05113	1.04688	1.00322	.60867
	GRADIENT	.02394	.01955	.00748	.00172	.00093	.03241	-.02292	.00149	-.00046	.00279

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(SCMO55) (03 OCT 91)

PARAMETRIC DATA

BETA = 3.000 PHI = 180.000

RUN NO. 1581/ O		RN/L =		2.50		GRADIENT INTERVAL =		-5.00/ 5.00			
MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
.600	-6.892	.80136	.83935	.76457	.71576	.35318	.65873	.69601	.62242	.56351	.16607
.599	-6.376	.81440	.85251	.77391	.72262	.35834	.67215	.70902	.63244	.57683	.17243
.600	-5.870	.82685	.86450	.78297	.72893	.36352	.68469	.72073	.64120	.59040	.17766
.600	-5.357	.84143	.87839	.79336	.73621	.37062	.69942	.73410	.65176	.60584	.18484
.599	-4.847	.84901	.88589	.79787	.73913	.37156	.70687	.74198	.65672	.61202	.18614
.600	-4.334	.86022	.89677	.80641	.74564	.37631	.71829	.75188	.66406	.61875	.19020
.600	-3.827	.86816	.90487	.81251	.75054	.37945	.72784	.76135	.67161	.62683	.19612
.600	-3.307	.87415	.91121	.81699	.75339	.38085	.73366	.76725	.67546	.63166	.19701
.600	-2.794	.88246	.92001	.82429	.75910	.38575	.74293	.77627	.68252	.64051	.20237
.600	-2.279	.88691	.92500	.82808	.76091	.38653	.74853	.78197	.68651	.64528	.20433
.600	-1.762	.88971	.92880	.83104	.76198	.38729	.75346	.78519	.69099	.64873	.20754
.600	-1.250	.89301	.93278	.83375	.76285	.38636	.75838	.79017	.69515	.65001	.20881
.600	-.737	.89529	.93615	.83663	.76390	.38715	.76187	.79426	.69833	.65177	.21135
.600	-.232	.89468	.93672	.83652	.76236	.38544	.76331	.79353	.69911	.65157	.21254
.600	.262	.89473	.93775	.83713	.76147	.38396	.76504	.79432	.69848	.65169	.21365
.600	.766	.89344	.93812	.83775	.76036	.38239	.76494	.79540	.70117	.65016	.21437
.600	1.258	.89211	.93810	.83772	.75921	.38078	.76521	.79680	.70152	.64955	.21508
	GRADIENT	.00674	.00829	.00629	.00299	.00131	.00937	.00865	.00726	.00614	.00468

RUN NO. 1472/ 0		RN/L = 2.50		GRADIENT INTERVAL = -5.00/ 5.00							
MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
.800	-6.927	.88316	.91947	.84068	.79114	.41860	.74741	.78239	.70644	.64978	.23341
.800	-6.405	.89549	.93242	.85014	.79823	.42364	.76114	.79576	.71700	.66261	.24007
.800	-5.903	.90675	.94423	.85864	.80425	.42827	.77222	.80641	.72492	.67380	.24434
.800	-5.395	.91714	.95491	.86646	.80861	.43315	.78300	.81645	.73279	.68541	.24980
.800	-4.889	.92674	.96495	.87368	.81410	.43721	.79277	.82620	.74015	.69475	.25398
.800	-4.380	.93492	.97346	.88007	.81865	.44026	.80140	.83433	.74611	.70100	.25727
.800	-3.871	.94298	.98161	.88636	.82343	.44428	.81021	.84268	.75251	.70780	.26162
.800	-3.364	.94868	.98814	.89099	.82629	.44608	.81632	.84919	.75719	.71282	.26412
.800	-2.854	.95458	.99476	.89629	.82962	.44867	.82272	.85569	.76180	.71897	.26680
.800	-2.345	.95874	.99980	.89994	.83169	.44965	.82795	.86044	.76582	.72350	.26906
.800	-1.832	.96267	1.00471	.90421	.83369	.45114	.83279	.86526	.77017	.72550	.27173
.800	-1.323	.96541	1.00866	.90707	.83505	.45152	.83658	.86971	.77338	.72692	.27368
.800	-.812	.96677	1.01095	.90890	.83495	.45115	.83926	.87264	.77549	.72856	.27504
.800	-.308	.96853	1.01344	.91100	.83533	.45095	.84178	.87327	.77757	.72980	.27661
.800	.181	.96792	1.01402	.91159	.83456	.44998	.84243	.87257	.77632	.72646	.27777
.800	.689	.96701	1.01447	.91206	.83369	.44842	.84277	.87281	.77886	.72763	.27819
.800	1.185	.96510	1.01383	.91160	.83178	.44638	.84141	.87444	.77765	.72574	.27724
	GRADIENT	.00631	.00808	.00630	.00290	.00152	.00809	.00778	.00629	.00507	.00398

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(SCM055) (03 OCT 91)

PARAMETRIC DATA

BETA = 3.000 PHI = 180.000

RUN NO. 1506/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CPO4
.899	-6.916	.94124	.97681	.89812	.84874	.48149	.81133	.84542	.76973	.71546	.30491
.900	-6.396	.95295	.98911	.90721	.85568	.48751	.82279	.85563	.77813	.72655	.31001
.900	-5.892	.96304	.99954	.91477	.86099	.49120	.83400	.86717	.78656	.73827	.31496
.900	-5.384	.97312	1.01057	.92259	.86609	.49603	.84395	.87673	.79370	.74895	.31874
.900	-4.879	.98167	1.01950	.92907	.87025	.49958	.85316	.88592	.80083	.75713	.32303
.900	-4.369	.98940	1.02767	.93532	.87453	.50289	.86152	.89381	.80706	.76373	.32707
.900	-3.863	.99589	1.03467	.94032	.87841	.50504	.86838	.90043	.81161	.76865	.32914
.900	-3.353	1.00223	1.04178	.94575	.88214	.50803	.87538	.90765	.81685	.77443	.33254
.900	-2.841	1.00742	1.04766	.95037	.88479	.50994	.88127	.91365	.82136	.77974	.33501
.900	-2.331	1.01170	1.05292	.95450	.88735	.51171	.88641	.91832	.82557	.78458	.33734
.900	-1.818	1.01504	1.05711	.95805	.88884	.51269	.89084	.92272	.82970	.78598	.33966
.900	-1.308	1.01682	1.06005	.96017	.88928	.51243	.89380	.92667	.83216	.78677	.34099
.900	-.801	1.01844	1.06261	.96219	.88954	.51236	.89641	.92959	.83458	.78873	.34264
.900	-.294	1.01977	1.06522	.96411	.88983	.51251	.89904	.93022	.83671	.79007	.34452
.900	.197	1.01918	1.06579	.96450	.88897	.51047	.89931	.92930	.83482	.78609	.34433
.900	.703	1.01876	1.06670	.96564	.88855	.50986	.89997	.93035	.83774	.78772	.34536
.900	1.196	1.01707	1.06626	.96532	.88700	.50787	.89891	.93120	.83708	.78654	.34498
GRADIENT		.00577	.00767	.00597	.00269	.00136	.00758	.00735	.00603	.00470	.00367

RUN NO. 1512/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CPO4
1.099	-6.970	1.08035	1.11290	1.03866	.99154	.65539	.96606	.99746	.92718	.87710	.50323
1.099	-6.460	1.08952	1.12261	1.04565	.99680	.65912	.97595	1.00715	.93456	.88686	.50742
1.100	-5.957	1.09812	1.13183	1.05232	1.00172	.66262	.98546	1.01633	.94163	.89701	.51164
1.100	-5.457	1.10753	1.14189	1.05966	1.00646	.66703	.99517	1.02563	.94892	.90701	.51572
1.100	-4.955	1.11506	1.15059	1.06612	1.01070	.67041	1.00317	1.03372	.95506	.91449	.51914
1.100	-4.453	1.12235	1.15839	1.07204	1.01463	.67349	1.01045	1.04084	.96029	.92015	.52188
1.100	-3.953	1.12790	1.16473	1.07637	1.01812	.67578	1.01605	1.04620	.96417	.92380	.52355
1.100	-3.447	1.13387	1.17107	1.08116	1.02145	.67846	1.02233	1.05239	.96890	.92894	.52650
1.100	-2.945	1.13854	1.17653	1.08550	1.02381	.68032	1.02749	1.05749	.97302	.93371	.52873
1.100	-2.439	1.14198	1.18081	1.08889	1.02574	.68174	1.03104	1.06102	.97573	.93621	.52962
1.100	-1.939	1.14608	1.18585	1.09346	1.02839	.68361	1.03597	1.06617	.98010	.93825	.53244
1.100	-1.436	1.14752	1.18826	1.09527	1.02854	.68309	1.03841	1.06950	.98203	.93938	.53329
1.100	-.934	1.14951	1.19121	1.09765	1.02945	.68368	1.04086	1.07214	.98391	.94079	.53422
1.100	-.441	1.15027	1.19304	1.09891	1.02935	.68330	1.04211	1.07194	.98471	.94076	.53448
1.100	.057	1.15112	1.19506	1.10099	1.03012	.68352	1.04299	1.07058	.98448	.93907	.53492
1.100	.567	1.15033	1.19531	1.10132	1.02922	.68228	1.04237	1.06967	.98475	.93850	.53444
1.100	1.063	1.14951	1.19577	1.10198	1.02868	.68165	1.04157	1.07184	.98430	.93695	.53403
GRADIENT		.00566	.00745	.00596	.00292	.00181	.00648	.00621	.00498	.00373	.00259

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(SCMO55) (03 OCT 91)

PARAMETRIC DATA

RUN NO. 1528/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00 BETA = 3.000 PHI = 180.000

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.250	-6.939	1.15555	1.19183	1.11207	1.06326	.72420	1.03581	1.07103	.99725	.94914	.56916
1.250	-6.420	1.16478	1.20227	1.11949	1.06828	.72766	1.04571	1.08074	1.00448	.95910	.57293
1.250	-5.915	1.17350	1.21176	1.12610	1.07193	.73114	1.05464	1.08965	1.01116	.96928	.57664
1.250	-5.409	1.18206	1.22096	1.13252	1.07615	.73464	1.06327	1.09804	1.01760	.97764	.58003
1.250	-4.902	1.18828	1.22728	1.13751	1.07933	.73681	1.07019	1.10500	1.02266	.98276	.58272
1.250	-4.394	1.19652	1.23630	1.14485	1.08503	.74070	1.07919	1.11364	1.02951	.98979	.58719
1.250	-3.887	1.20059	1.24153	1.14822	1.08743	.74227	1.08370	1.11793	1.03256	.99310	.58858
1.250	-3.383	1.20440	1.24671	1.15199	1.08943	.74384	1.08798	1.12243	1.03615	.99713	.59075
1.250	-2.875	1.21034	1.25284	1.15712	1.09255	.74634	1.09425	1.12860	1.04130	1.00116	.59382
1.250	-2.361	1.21456	1.25800	1.16099	1.09501	.74752	1.09888	1.13322	1.04456	1.00296	.59536
1.250	-1.858	1.21718	1.26183	1.16430	1.09622	.74786	1.10210	1.13716	1.04721	1.00537	.59715
1.250	-1.350	1.21890	1.26414	1.16616	1.09654	.74782	1.10509	1.14086	1.04970	1.00747	.59888
1.250	-.843	1.22043	1.26702	1.16838	1.09674	.74759	1.10757	1.14329	1.05154	1.00849	.59989
1.250	-.340	1.22050	1.26821	1.16929	1.09640	.74682	1.10858	1.14267	1.05248	1.00848	.60048
1.250	.150	1.22166	1.27068	1.17155	1.09719	.74689	1.11025	1.14269	1.05187	1.00624	.60167
1.250	.659	1.22125	1.27145	1.17249	1.09680	.74584	1.11062	1.14290	1.05414	1.00728	.60180
1.250	1.155	1.21893	1.27032	1.17183	1.09520	.74438	1.10883	1.14427	1.05308	1.00564	.60134
GRADIENT		.00506	.00707	.00563	.00244	.00111	.00642	.00630	.00498	.00360	.00307

RUN NO. 1545/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.400	-6.942	1.18354	1.23361	1.14167	1.08786	.74101	1.04860	1.09888	1.01685	.97361	.58211
1.400	-6.424	1.19187	1.24295	1.14798	1.09226	.74436	1.05730	1.09805	1.02349	.98383	.58562
1.400	-5.921	1.20014	1.25222	1.15440	1.09590	.74758	1.06646	1.11727	1.03052	.99346	.58941
1.400	-5.413	1.20664	1.26069	1.16094	1.09907	.75040	1.07408	1.12516	1.03635	1.00069	.59223
1.400	-4.913	1.21309	1.26943	1.16745	1.10297	.75315	1.08125	1.13276	1.04208	1.00621	.59526
1.400	-4.405	1.22002	1.27756	1.17309	1.10782	.75603	1.08878	1.13957	1.04783	1.01079	.59818
1.400	-3.900	1.22533	1.28362	1.17718	1.11084	.75799	1.09429	1.14533	1.05210	1.01396	.60027
1.400	-3.392	1.23108	1.28973	1.18184	1.11354	.76039	1.10037	1.15157	1.05702	1.01763	.60247
1.399	-2.885	1.23438	1.29410	1.18463	1.11457	.76107	1.10398	1.15607	1.05986	1.01979	.60324
1.399	-2.377	1.23880	1.29956	1.18872	1.11766	.76342	1.10915	1.16219	1.06459	1.02401	.60620
1.399	-1.869	1.24113	1.30253	1.19226	1.11828	.76342	1.11291	1.16624	1.06727	1.02678	.60734
1.400	-1.363	1.24285	1.30598	1.19541	1.11869	.76386	1.11578	1.17098	1.07020	1.02829	.60902
1.399	-.857	1.24400	1.30863	1.19771	1.11888	.76360	1.11807	1.17334	1.07230	1.02940	.61002
1.400	-.353	1.24495	1.31082	1.19946	1.11938	.76336	1.12008	1.17242	1.07413	1.03003	.61125
1.400	.135	1.24421	1.31143	1.20028	1.11880	.76207	1.12045	1.17105	1.07200	1.02630	.61170
1.400	.643	1.24436	1.31262	1.20146	1.11851	.76167	1.12112	1.17069	1.07517	1.02838	.61243
1.400	1.141	1.24277	1.31201	1.20099	1.11673	.75991	1.12014	1.17497	1.07465	1.02702	.61178
GRADIENT		.00480	.00698	.00568	.00213	.00109	.00647	.00673	.00538	.00352	.00282

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(SCMO55) (03 OCT 91)

PARAMETRIC DATA

BETA = 3.000 PHI = 180.000

RUN NO. 1562/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.450	-6.892	1.18003	1.24313	1.14610	1.09167	.74755	1.03651	1.09991	1.01733	.97917	.58450
1.449	-6.374	1.18826	1.25112	1.15094	1.09314	.74948	1.04485	1.10714	1.02214	.98731	.58604
1.450	-5.866	1.19579	1.26031	1.15758	1.09750	.75377	1.05284	1.11703	1.02964	.99657	.59004
1.450	-5.361	1.20157	1.26741	1.16386	1.10066	.75590	1.05968	1.12457	1.03512	1.00197	.59233
1.450	-4.847	1.20839	1.27666	1.17146	1.10552	.75976	1.06756	1.13314	1.04168	1.00705	.59568
1.450	-4.339	1.21399	1.28511	1.17673	1.11028	.76240	1.07356	1.13991	1.04678	1.01099	.59839
1.450	-3.829	1.21946	1.29200	1.18107	1.11378	.76484	1.07902	1.14674	1.05151	1.01508	.60097
1.450	-3.316	1.22502	1.29724	1.18504	1.11567	.76654	1.08467	1.15254	1.05565	1.01882	.60264
1.450	-2.801	1.22800	1.30125	1.18722	1.11690	.76750	1.08818	1.15770	1.05914	1.02139	.60420
1.450	-2.284	1.23196	1.30647	1.19150	1.12003	.76937	1.09285	1.16390	1.06375	1.02549	.60662
1.449	-1.772	1.23293	1.30827	1.19407	1.11957	.76821	1.09471	1.16785	1.06560	1.02656	.60697
1.450	-1.261	1.23469	1.31179	1.19770	1.11937	.76847	1.09851	1.17298	1.06937	1.02942	.60928
1.450	-.751	1.23615	1.31539	1.20118	1.12041	.76882	1.10165	1.17559	1.07222	1.03106	.61106
1.449	-.241	1.23512	1.31644	1.20181	1.11962	.76788	1.10227	1.17260	1.07309	1.03076	.61191
1.449	.250	1.23517	1.31807	1.20378	1.12037	.76714	1.10389	1.17326	1.07139	1.02820	.61336
1.450	.757	1.23391	1.31861	1.20413	1.11906	.76545	1.10364	1.17250	1.07460	1.02936	.61436
1.450	1.246	1.23321	1.31880	1.20445	1.11821	.76449	1.10404	1.17827	1.07560	1.02920	.61537
	GRADIENT	.00390	.00665	.00551	.00178	.00064	.00599	.00697	.00547	.00363	.00315

RUN NO. 1647/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.470	-6.903	1.14990	1.22254	1.12538	1.07302	.73139	1.00344	1.08240	.99823	.96335	.56659
1.484	-6.386	1.15777	1.23373	1.13345	1.07726	.73474	1.01126	1.09219	1.00598	.97406	.57058
1.471	-5.881	1.16368	1.24321	1.14002	1.07996	.73786	1.01758	1.10031	1.01192	.98180	.57332
1.471	-5.369	1.17210	1.25284	1.14736	1.08367	.74126	1.02617	1.10993	1.01935	.98877	.57717
1.470	-4.862	1.17649	1.25808	1.15118	1.08643	.74225	1.03132	1.11670	1.02407	.99143	.57835
1.471	-4.350	1.18241	1.26489	1.15601	1.09132	.74532	1.03918	1.12518	1.03054	.99646	.58205
1.470	-3.845	1.18496	1.27021	1.15923	1.09311	.74652	1.04255	1.12999	1.03436	.99972	.58310
1.470	-3.331	1.18903	1.27598	1.16352	1.09550	.74901	1.04743	1.13583	1.03911	1.00349	.58547
1.471	-2.817	1.19368	1.28258	1.16806	1.09858	.75175	1.05242	1.14195	1.04393	1.00746	.58807
1.471	-2.306	1.19542	1.28619	1.17034	1.09888	.75197	1.05532	1.14612	1.04659	1.00966	.58935
1.470	-1.791	1.19882	1.29019	1.17421	1.09878	.75211	1.06024	1.15152	1.05000	1.01231	.59150
1.471	-1.281	1.20050	1.29295	1.17699	1.09796	.75225	1.06343	1.15624	1.05262	1.01429	.59338
1.471	-.769	1.20150	1.29541	1.17853	1.09787	.75172	1.06597	1.15894	1.05516	1.01570	.59514
1.471	-.263	1.20051	1.29636	1.17996	1.09685	.75018	1.06712	1.15533	1.05602	1.01533	.59636
1.470	.228	1.19996	1.29696	1.17996	1.09656	.74871	1.06789	1.15507	1.05353	1.01080	.59767
1.471	.734	1.19976	1.29812	1.18118	1.09638	.74767	1.06831	1.15352	1.05617	1.01269	.59891
1.471	1.228	1.19924	1.29758	1.18080	1.09451	.74559	1.06872	1.15949	1.05649	1.01125	.59954
	GRADIENT	.00366	.00653	.00498	.00097	.00049	.00612	.00651	.00518	.00326	.00346

IA310 (AEDC 16TF-783) PROBE CALIBRATION (SCM055) (03 OCT 91)

PARAMETRIC DATA

BETA = 3.000 PHI = 180.000

RUN NO. 1597/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.493	-6.910	1.11173	1.21899	1.11835	1.06492	.72659	.95717	1.07550	.99201	.96134	.56491
1.493	-6.393	1.11463	1.22576	1.12359	1.06619	.72837	.96072	1.08434	.99819	.97053	.56760
1.493	-5.886	1.11923	1.23685	1.13043	1.06931	.73225	.96530	1.09315	1.00475	.97867	.57079
1.493	-5.381	1.12178	1.24516	1.13651	1.07220	.73524	.96723	1.10140	1.01081	.98339	.57377
1.493	-4.868	1.12334	1.25303	1.14257	1.07665	.73806	.96816	1.10964	1.01689	.98792	.57687
1.493	-4.363	1.12241	1.25955	1.14689	1.08095	.73957	.96765	1.11698	1.02225	.99186	.57937
1.494	-3.856	1.12094	1.26720	1.15257	1.08558	.74209	.96590	1.12393	1.02752	.99665	.58191
1.493	-3.344	1.11978	1.27334	1.15622	1.08713	.74342	.96490	1.12952	1.03164	.99898	.58341
1.493	-2.830	1.11869	1.27765	1.15756	1.08749	.74379	.96487	1.13434	1.03498	1.00138	.58463
1.493	-2.316	1.11761	1.28247	1.16137	1.08820	.74437	.96446	1.14096	1.03858	1.00431	.58623
1.493	-1.804	1.11798	1.28572	1.16477	1.08859	.74462	.96604	1.14721	1.04185	1.00707	.58799
1.493	-1.292	1.11365	1.28796	1.16634	1.08511	.74429	.96291	1.15140	1.04476	1.00911	.58943
1.493	-.784	1.11293	1.29068	1.16854	1.08601	.74458	.96305	1.15105	1.04774	1.01082	.59121
1.493	-.279	1.11194	1.29222	1.16973	1.08632	.74416	.96370	1.14732	1.04818	1.01012	.59260
1.493	.214	1.10986	1.29289	1.17068	1.08571	.74289	.96293	1.14769	1.04488	1.00497	.59311
1.493	.720	1.10863	1.29314	1.17093	1.08440	.74128	.96332	1.14601	1.04747	1.00684	.59394
1.493	1.213	1.10974	1.29390	1.17197	1.08354	.73990	.96557	1.15118	1.04988	1.00639	.59457
1.493	GRADIENT	-.00253	.00654	.00473	.00055	.00029	-.00063	.00636	.00514	.00299	.00290

RUN NO. 1613/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.516	-6.909	1.02115	1.22035	1.12106	1.06833	.72875	.84685	1.07438	.99105	.96514	.56581
1.517	-6.393	1.01423	1.22980	1.12753	1.07078	.73204	.83981	1.08403	.99803	.97433	.57008
1.517	-5.885	1.00617	1.23948	1.13439	1.07443	.73537	.83079	1.09210	1.00348	.98102	.57283
1.516	-5.383	1.00302	1.24880	1.14095	1.07678	.73835	.82748	1.10060	1.00953	.98615	.57639
1.516	-4.870	.99963	1.25685	1.14550	1.08006	.74059	.82544	1.10861	1.01481	.98958	.57910
1.517	-4.359	.99845	1.26385	1.14966	1.08479	.74340	.82537	1.11712	1.02054	.99277	.58216
1.516	-3.852	.98863	1.26922	1.15381	1.08753	.74493	.81603	1.12339	1.02440	.99493	.58322
1.517	-3.344	.97802	1.27593	1.15809	1.09091	.74695	.80362	1.13136	1.02939	.99931	.58616
1.516	-2.829	.97037	1.28175	1.16132	1.09311	.74759	.79495	1.13825	1.03249	1.00196	.58707
1.517	-2.315	.96510	1.28875	1.16735	1.09533	.74936	.79088	1.14612	1.03671	1.00570	.58921
1.516	-1.806	.96249	1.29304	1.17114	1.09234	.74882	.79103	1.15136	1.03970	1.00785	.59000
1.517	-1.293	.96075	1.29843	1.17497	1.09268	.74942	.79155	1.15465	1.04391	1.01066	.59260
1.517	-.785	.95841	1.30158	1.17737	1.09156	.74831	.79154	1.15254	1.04597	1.01114	.59361
1.517	-.278	.95396	1.30313	1.17717	1.09156	.74636	.79024	1.14872	1.04440	1.00822	.59445
1.517	.215	.95615	1.30620	1.18017	1.09267	.74619	.79381	1.15039	1.04370	1.00617	.59647
1.516	.720	.95424	1.30566	1.17977	1.09103	.74410	.79294	1.14933	1.04529	1.00789	.59690
1.516	1.214	.95425	1.30244	1.17762	1.08753	.74109	.79278	1.15134	1.04769	1.00577	.59589
1.516	GRADIENT	-.00784	.00825	.00589	.00103	.00013	-.00535	.00666	.00517	.00291	.00291

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(SCM055) (03 OCT 91)

PARAMETRIC DATA

BETA = 3.000 PHI = 180.000														
GRADIENT INTERVAL = -5.00/ 5.00														
RUN NO.	1628/ 0	RN/L =	2.49	GRADIENT INTERVAL =	-5.00/ 5.00	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
ALPHA														
-6.907	.84649	1.22088	1.11872	1.06674	.72547	.67361	1.07750	.98869	.96753					.56968
-6.393	.84075	1.22841	1.12267	1.06696	.72710	.67284	1.08790	.99484	.97089					.57237
-5.885	.84170	1.23714	1.12869	1.07072	.73003	.67725	1.10086	1.00266	.97335					.57544
-5.377	.84480	1.24862	1.13646	1.07824	.73509	.68393	1.11668	1.01200	.98200					.58000
-4.872	.84536	1.25703	1.14020	1.08027	.73779	.68808	1.12914	1.01803	.98794					.58235
-4.359	.84626	1.26495	1.14217	1.08037	.73881	.69372	1.14020	1.02342	.99258					.58415
-3.854	.84940	1.27407	1.14722	1.08238	.74177	.70124	1.15065	1.03008	.99811					.58720
-3.342	.85209	1.28288	1.15116	1.08277	.74276	.70933	1.15540	1.03492	1.00163					.58810
-2.828	.85742	1.29242	1.15665	1.08387	.74437	.71965	1.15182	1.04089	1.00579					.58982
-2.316	.86435	1.30067	1.16175	1.08461	.74552	.73115	1.13767	1.04583	1.00893					.59163
-1.804	.87417	1.30858	1.16541	1.08541	.74592	.74650	1.11137	1.04762	1.00898					.59310
-1.294	.89412	1.31805	1.16914	1.08690	.74596	.77262	1.07666	1.04305	1.00483					.59449
-.785	.91649	1.32895	1.17337	1.08960	.74651	.80080	1.05487	1.03401	.99622					.59631
-.279	.93110	1.33987	1.17707	1.09152	.74738	.81934	1.04813	1.02761	.98848					.59809
.213	.93589	1.34289	1.17669	1.08919	.74529	.82699	1.04826	1.02406	.98444					.59702
.721	.93746	1.34481	1.17797	1.08851	.74457	.82978	1.04948	1.02539	.98612					.59751
1.214	.93408	1.34361	1.17738	1.08603	.74236	.82757	1.04688	1.02921	.98910					.59698
GRADIENT	.01859	.01575	.00691	.00155	.00097	.02762	-.02091	.00017	-.00153					.00260

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(SCM056) (03 OCT 91)

PARAMETRIC DATA

BETA = 4.000 PHI = 180.000															
GRADIENT INTERVAL = -5.00/ 5.00															
RUN NO.	1582/ O	RN/L =	2.50	GRADIENT INTERVAL =	-5.00/	5.00	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CPC04
MACH	ALPHA	CPR													
.599	-6.858	.82325	.85991	.78733	.73909	.38183	.63747	.67458					.59886	.54307	.13924
.600	-5.832	.84761	.88403	.80487	.75166	.39095	.66213	.69816					.61634	.56986	.14959
.599	-4.815	.87104	.90689	.82156	.76416	.39983	.68621	.72029					.63330	.58992	.15899
.600	-3.790	.88772	.92325	.83431	.77330	.40753	.70519	.73815					.64691	.60363	.16899
.600	-2.771	.89908	.93582	.84358	.77883	.41060	.71865	.75129					.65598	.61595	.17325
.600	-1.750	.91034	.94856	.85442	.78586	.41520	.73179	.76569					.66637	.62347	.17932
.601	-.733	.91223	.95237	.85704	.78596	.41506	.73715	.76547					.67130	.62744	.18317
.600	.280	.91371	.95630	.86029	.78539	.41225	.74054	.76802					.67105	.62607	.18410
.600	1.262	.91122	.95649	.86085	.78368	.40983	.73973	.76661					.67317	.62315	.18423
GRADIENT		.00655	.00816	.00646	.00317	.00155	.00881	.00751					.00646	.00551	.00409

(SCM056) (03 OCT 91)

IA310 (AEDC 16TF-783) PROBE CALIBRATION

PARAMETRIC DATA

BETA = 4.000 PHI = 180.000

RUN NO. 1473/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
.800	-6.904	.90353	.93892	.86263	.81347	.44729	.72600	.76075	.68202	.62925	.20592
.800	-5.875	.92595	.96223	.87988	.82532	.45625	.75002	.78358	.69999	.65330	.21625
.800	-4.859	.94573	.98306	.89491	.83664	.46461	.77088	.80361	.71510	.67171	.22513
.800	-3.846	.96094	.99890	.90671	.84438	.47069	.78916	.81987	.72789	.68558	.23346
.800	-2.835	.97359	1.01260	.91734	.85155	.47619	.80186	.83354	.73800	.69762	.23956
.800	-1.818	.98099	1.02143	.92492	.85535	.47763	.81084	.84410	.74439	.70236	.24232
.800	-.812	.98600	1.02867	.93123	.85806	.47933	.81772	.84608	.75126	.70530	.24641
.800	-.202	.98621	1.03111	.93329	.85738	.47801	.81964	.84690	.74954	.70337	.24784
.799	1.188	.98406	1.03187	.93444	.85582	.47498	.81848	.84585	.75165	.70081	.24668
	GRADIENT	.00631	.00804	.00658	.00319	.00173	.00785	.00685	.00589	.00463	.00355

RUN NO. 1507/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
.900	-6.891	.96121	.99557	.91916	.87001	.50968	.79061	.82381	.74620	.69600	.27760
.900	-5.863	.98223	1.01791	.93561	.88225	.51892	.81320	.84610	.76315	.71898	.28831
.900	-4.846	.99959	1.03647	.94919	.89168	.52601	.83230	.86432	.77698	.73651	.29667
.900	-3.833	1.01388	1.05203	.96073	.89902	.53123	.84820	.87991	.78886	.74893	.30301
.900	-2.821	1.02495	1.06459	.97049	.90526	.53624	.86060	.89193	.79789	.75848	.30851
.900	-1.801	1.03249	1.07384	.97816	.90952	.53856	.86979	.90297	.80549	.76369	.31254
.900	-.793	1.03719	1.08009	.98379	.91201	.53988	.87580	.90373	.81075	.76603	.31541
.900	.217	1.03686	1.08229	.98578	.91095	.53782	.87754	.90482	.80915	.76414	.31641
.900	1.202	1.03535	1.08336	.98732	.91003	.53637	.87689	.90393	.81153	.76229	.31652
	GRADIENT	.00586	.00767	.00629	.00304	.00170	.00735	.00639	.00556	.00409	.00330

RUN NO. 1513/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.099	-6.963	1.09794	1.12972	1.05773	1.01121	.68068	.94744	.97804	.90623	.85971	.47903
1.100	-5.943	1.11668	1.14969	1.07239	1.02223	.68902	.96771	.99795	.92128	.88052	.48841
1.100	-4.938	1.13146	1.16592	1.08413	1.03017	.69483	.98365	1.01376	.93306	.89529	.49494
1.100	-3.933	1.14430	1.18004	1.09497	1.03705	.69992	.99776	1.02727	.94306	.90569	.50026
1.100	-2.944	1.15425	1.19150	1.10376	1.04273	.70406	1.00866	1.03847	.95137	.91488	.50481
1.100	-1.930	1.16132	1.20015	1.11099	1.04691	.70662	1.01599	1.04696	.95679	.92014	.50715
1.100	-.922	1.16549	1.20649	1.11635	1.04943	.70793	1.02082	1.04855	.96129	.92023	.50886
1.100	.079	1.16740	1.21010	1.12025	1.05046	.70809	1.02334	1.04894	.96065	.91590	.50988
1.100	1.069	1.16596	1.21103	1.12171	1.04962	.70662	1.02199	1.04824	.96177	.91618	.50894
	GRADIENT	.00574	.00750	.00627	.00327	.00198	.00636	.00559	.00468	.00315	.00233

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(SCM056) (03 OCT 91)

PARAMETRIC DATA

BETA = 4.000 PHI = 180.000

RUN NO. 1529/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CP04
1.250	-6.921	1.17363	1.20928	1.13164	1.08286	.74895	1.01620	1.05105	.97519	.93198	.54429
1.250	-5.887	1.19191	1.22899	1.14620	1.09242	.75617	1.03559	1.07034	.98989	.95198	.55291
1.250	-4.877	1.20696	1.24542	1.15803	1.10077	.76197	1.05194	1.08606	1.00149	.96500	.55956
1.250	-3.862	1.21846	1.25735	1.16712	1.10655	.76614	1.06534	1.09937	1.01181	.97566	.56583
1.250	-2.853	1.22677	1.26810	1.17570	1.11151	.76924	1.07497	1.10953	1.01880	.98337	.56945
1.250	-1.843	1.23332	1.27715	1.18316	1.11565	.77137	1.08282	1.11790	1.02514	.98734	.57335
1.250	-.837	1.23830	1.28347	1.18877	1.11824	.77297	1.08883	1.12212	1.03067	.98862	.57617
1.250	.174	1.23793	1.28578	1.19079	1.11749	.77094	1.08973	1.12037	1.02842	.98452	.57614
1.250	1.160	1.23635	1.28671	1.19242	1.11674	.76965	1.08882	1.12102	1.03046	.98422	.57615
GRADIENT		.00492	.00696	.00581	.00272	.00129	.00615	.00566	.00469	.00287	.00274

RUN NO. 1546/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CP04
1.400	-6.928	1.20239	1.25123	1.16161	1.10802	.76505	1.02828	1.07770	.99432	.95691	.55884
1.400	-5.895	1.22036	1.27108	1.17603	1.11746	.77267	1.04590	1.09685	1.00825	.97617	.56616
1.400	-4.882	1.23362	1.28675	1.18820	1.12542	.77786	1.06145	1.11214	1.01950	.98708	.57169
1.400	-3.875	1.24439	1.30115	1.19817	1.13185	.78237	1.07398	1.12542	1.02917	.99656	.57685
1.400	-2.864	1.25494	1.31332	1.20746	1.13734	.78688	1.08469	1.13708	1.03829	1.00266	.58128
1.400	-1.855	1.26102	1.32137	1.21402	1.14042	.78872	1.09235	1.14543	1.04473	1.00662	.58433
1.400	-.853	1.26398	1.32627	1.21835	1.14130	.78864	1.09697	1.14932	1.04852	1.00790	.58590
1.400	.157	1.26569	1.33040	1.22246	1.14256	.78868	1.10010	1.14980	1.04858	1.00577	.58812
1.400	1.146	1.26436	1.33146	1.22413	1.14136	.78723	1.09973	1.15086	1.05151	1.00593	.58834
GRADIENT		.00511	.00731	.00594	.00260	.00151	.00637	.00630	.00516	.00285	.00274

RUN NO. 1563/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CP04
1.449	-6.869	1.26165	1.26181	1.16743	1.11189	.77224	1.01482	1.07769	.99264	.96096	.55869
1.450	-5.830	1.21889	1.28063	1.17993	1.11916	.77969	1.03246	1.09633	1.00698	.97847	.56631
1.450	-4.814	1.23029	1.29462	1.19161	1.12793	.78425	1.04697	1.11156	1.01796	.98843	.57157
1.450	-3.794	1.23858	1.30848	1.20166	1.13429	.78835	1.05847	1.12500	1.02823	.99617	.57681
1.450	-2.776	1.24920	1.32070	1.21032	1.13941	.79258	1.06896	1.13657	1.03754	1.00193	.58104
1.450	-1.752	1.25493	1.32815	1.21637	1.14179	.79365	1.07577	1.14552	1.04323	1.00632	.58356
1.450	-.738	1.25789	1.33391	1.22148	1.14329	.79441	1.08139	1.15145	1.04862	1.00948	.58660
1.450	.272	1.25707	1.33610	1.22390	1.14301	.79263	1.08237	1.15001	1.04651	1.00690	.58825
1.450	1.252	1.25633	1.33765	1.22619	1.14195	.79091	1.08334	1.15231	1.05027	1.00649	.58972
GRADIENT		.00438	.00697	.00563	.00224	.00108	.00598	.00561	.00510	.00294	.00292

IA310 (AEDC 16TF-783) PROBE CALIBRATION (SCM056) (03 OCT 91)

PARAMETRIC DATA

BETA = 4.000 PHI = 180.000

RUN NO. 1648/ O		RN/L = 2.49		GRADIENT INTERVAL = -5.00/ 5.00		CPL		CPC10		CPC11		CPC12		CPO4	
ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4					
-6.879	1.17311	1.24202	1.14727	1.09408	.75658	.98376	1.06248	.97641	.94809	.54291					
-5.845	1.18769	1.26264	1.16267	1.10290	.76372	.99857	1.07982	.98955	.96432	.55046					
-4.825	1.19860	1.27818	1.17314	1.10960	.76793	1.01117	1.09580	1.00116	.97447	.55650					
-3.808	1.20760	1.28854	1.18038	1.11402	.77132	1.02269	1.10882	1.01114	.98016	.56047					
-2.795	1.21604	1.30110	1.18997	1.12004	.77631	1.03321	1.12167	1.02151	.98741	.56548					
-1.774	1.21958	1.30817	1.19554	1.12097	.77626	1.03864	1.12892	1.02626	.99077	.56755					
-.761	1.22223	1.31447	1.20026	1.12077	.77613	1.04332	1.13368	1.03095	.99338	.57087					
.249	1.22318	1.31765	1.20297	1.12083	.77478	1.04652	1.13238	1.02897	.98812	.57350					
1.237	1.22132	1.31876	1.20515	1.11971	.77229	1.04608	1.13336	1.03222	.98910	.57480					
GRADIENT	.00373	.00683	.00535	.00158	.00070	.00574	.00607	.00489	.00233	.00305					

RUN NO. 1598/ O		RN/L = 2.50		GRADIENT INTERVAL = -5.00/ 5.00		CPL		CPC10		CPC11		CPC12		CPO4	
ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4					
-6.884	1.13614	1.23755	1.13880	1.08475	.75035	.93831	1.05363	.96886	.94479	.54127					
-5.854	1.14629	1.25539	1.15251	1.09199	.75709	.94698	1.07190	.98192	.96058	.54802					
-4.840	1.15111	1.27162	1.16398	1.09970	.76194	.95331	1.08776	.99376	.96887	.55403					
-3.819	1.15196	1.28434	1.17354	1.10664	.76580	.95355	1.10213	1.00428	.97637	.55888					
-2.807	1.15120	1.29668	1.18258	1.11148	.76886	.95286	1.11532	1.01338	.98284	.56282					
-1.787	1.15192	1.30568	1.18948	1.11282	.76953	.95575	1.12548	1.01946	.98769	.56530					
-.776	1.15011	1.31126	1.19329	1.11189	.76972	.95595	1.12593	1.02436	.98992	.56759					
.235	1.14792	1.31301	1.19512	1.11166	.76799	.95622	1.12476	1.01948	.98232	.56856					
1.224	1.14900	1.31440	1.19763	1.11097	.76641	.95910	1.12428	1.02513	.98419	.57019					
GRADIENT	-.00055	.00708	.00547	.00157	.00066	.00091	.00585	.00479	.00230	.00257					

RUN NO. 1614/ O		RN/L = 2.49		GRADIENT INTERVAL = -5.00/ 5.00		CPL		CPC10		CPC11		CPC12		CPO4	
MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4				
1.516	-6.883	1.05878	1.24060	1.14395	1.09022	.75448	.83593	1.05460	.96967	.95059	.54309				
1.516	-5.854	1.04592	1.25816	1.15534	1.09580	.75986	.82023	1.07091	.98069	.96270	.54893				
1.517	-4.835	1.03408	1.27626	1.16850	1.10420	.76569	.81001	1.08851	.99304	.97235	.55630				
1.516	-3.821	1.02775	1.28884	1.17655	1.10985	.76952	.80632	1.10407	1.00401	.97790	.56127				
1.517	-2.808	1.02316	1.30030	1.18544	1.11665	.77318	.80315	1.11832	1.01212	.98405	.56516				
1.516	-1.787	1.00898	1.30937	1.19449	1.11931	.77416	.78693	1.12783	1.01784	.98828	.56767				
1.517	-.777	1.00143	1.31719	1.20073	1.11924	.77375	.78028	1.12539	1.02222	.99017	.57052				
1.516	.234	.99599	1.32025	1.20301	1.11873	.77070	.77659	1.12483	1.01718	.98325	.57089				
1.517	1.222	1.00033	1.32086	1.20486	1.11743	.76948	.78264	1.12540	1.02467	.98575	.57265				
GRADIENT		-.00659	.00755	.00627	.00213	.00051	-.00582	.00564	.00464	.00202	.00260				

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(SCM056) (03 OCT 91)

PARAMETRIC DATA

BETA = 4.000 PHI = 180.000

RUN NO. 1629/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CP04
1.542	-6.883	.88538	1.24029	1.14133	1.08806	.75094	.66036	1.05640	.96596	.95289	.54634
1.541	-5.851	.87283	1.25913	1.15366	1.09491	.75744	.65708	1.07978	.98019	.95893	.55303
1.541	-4.835	.87347	1.27500	1.16359	1.10222	.76223	.66712	1.10591	.99458	.96861	.55906
1.541	-3.823	.87382	1.28939	1.17021	1.10636	.76625	.67696	1.12606	1.00762	.97919	.56437
1.541	-2.806	.87586	1.30318	1.17875	1.10839	.76898	.68959	1.12936	1.01809	.98629	.56732
1.542	-1.788	.87927	1.31667	1.18875	1.11048	.77180	.70242	1.11015	1.02502	.99085	.57138
1.541	-.777	.88168	1.32556	1.19356	1.11204	.77270	.71193	1.08828	1.01490	.98032	.57361
1.541	.238	.88218	1.33004	1.19670	1.11164	.77239	.71821	1.08977	1.00658	.96866	.57251
1.541	1.221	.87895	1.32910	1.19699	1.10857	.76932	.71774	1.08639	1.00979	.97234	.57305
	GRADIENT	.00138	.00940	.00594	.00118	.00132	.00907	-.00608	.00143	-.00055	.00228

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(SCM057) (03 OCT 91)

PARAMETRIC DATA

BETA = 4.000 PHI = 180.000

RUN NO. 1672/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CP04
.599	-7.870	.79486	.83256	.76632	.72381	.37065	.60788	.64815	.57952	.51752	.13109
.599	-6.844	.82440	.86102	.78778	.73959	.38183	.63842	.67619	.60018	.54449	.13999
.600	-5.828	.85118	.88707	.80695	.75443	.39372	.66559	.70133	.61944	.57321	.15280
.600	-4.806	.87253	.90724	.82174	.76485	.40169	.68796	.72202	.63512	.59191	.16208
.600	-3.789	.88924	.92444	.83493	.77405	.40836	.70758	.74051	.64892	.60560	.17110
.601	-2.768	.90038	.93678	.84413	.77992	.41271	.72022	.75298	.65769	.61811	.17626
.601	-1.750	.91096	.94872	.85405	.78613	.41650	.73338	.76718	.66792	.62530	.18253
.601	-.736	.91705	.95682	.86061	.78948	.41826	.74165	.76983	.67559	.63141	.18650
.601	-.277	.91600	.95828	.86145	.78706	.41413	.74342	.77071	.67398	.62848	.18680
.600	1.258	.91307	.95823	.86191	.78493	.41093	.74151	.76832	.67519	.62476	.18562
.600	2.239	.90605	.95456	.85970	.78056	.40670	.73641	.76946	.67068	.62131	.18494
	GRADIENT	.00483	.00679	.00544	.00225	.00065	.00696	.00625	.00518	.00402	.00318

IA310 (AEDC 16TF-783) PROBE CALIBRATION (SCM057) (03 OCT 91)

PARAMETRIC DATA

BETA = 4.000 PHI = 180.000

RUN NO. 1748/ 0 RN/L = 2.51 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
.800	-7.906	.87587	.91116	.84202	.79811	.43413	.69805	.73430	.66223	.60282	.19445
.800	-6.883	.90335	.93912	.86294	.81353	.44557	.72686	.76196	.68324	.62944	.20527
.799	-5.871	.92613	.96275	.88056	.82612	.45528	.75024	.78421	.70040	.65325	.21493
.800	-4.856	.94569	.98268	.89503	.83680	.46394	.77116	.80420	.71569	.67202	.22491
.800	-3.843	.96132	.99893	.90721	.84887	.46983	.78832	.82040	.72803	.68556	.23231
.800	-2.830	.97338	1.01191	.91754	.85163	.47478	.80174	.83364	.73766	.69578	.23786
.800	-1.817	.98158	1.02184	.92574	.85626	.47739	.81148	.84506	.74530	.70153	.24223
.800	-.808	.98651	1.02883	.93162	.85893	.47883	.81782	.84663	.75122	.70514	.24523
.800	.201	.98681	1.03170	.93424	.85838	.47733	.82023	.84792	.75024	.70349	.24706
.800	1.186	.98517	1.03279	.93582	.85726	.47510	.81950	.84644	.75248	.70139	.24638
.800	2.172	.97891	1.02931	.93390	.85311	.47124	.81436	.84765	.74785	.69729	.24518
GRADIENT		.00472	.00666	.00559	.00237	.00103	.00618	.00569	.00464	.00336	.00288

RUN NO. 1661/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
.900	-7.899	.93676	.97097	.90073	.85666	.49910	.76583	.79973	.72816	.67128	.26860
.900	-6.870	.96112	.99586	.91876	.86988	.50889	.79098	.82467	.74697	.69698	.27784
.900	-5.859	.98303	1.01884	.93604	.88282	.51885	.81362	.84658	.76344	.71959	.28793
.900	-4.845	.99932	1.03636	.94853	.89113	.52494	.83147	.86391	.77652	.73601	.29540
.900	-3.830	1.01444	1.05275	.96111	.89979	.53147	.84841	.88025	.78910	.74941	.30294
.900	-2.815	1.02633	1.06601	.97158	.90634	.53653	.86169	.89343	.79904	.76018	.30884
.900	-1.801	1.03292	1.07449	.97839	.91001	.53878	.86993	.90329	.80574	.76426	.31264
.900	-.791	1.03823	1.08168	.98458	.91285	.54018	.87691	.90494	.81166	.76708	.31564
.900	.217	1.03800	1.08367	.98664	.91199	.53853	.87856	.90580	.81019	.76523	.31700
.900	1.202	1.03625	1.08448	.98798	.91085	.53659	.87799	.90528	.81267	.76330	.31700
.899	2.188	1.03046	1.08178	.98637	.90697	.53221	.87323	.90612	.80847	.76014	.31506
GRADIENT		.00437	.00637	.00534	.00221	.00100	.00591	.00545	.00452	.00305	.00279

RUN NO. 1740/ 0 RN/L = 2.51 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.098	-7.920	1.07703	1.10933	1.04262	1.00046	.67267	.92534	.95692	.89032	.83850	.46946
1.100	-6.942	1.09941	1.13208	1.05924	1.01278	.68233	.94957	.98059	.90867	.86232	.48129
1.101	-5.939	1.11853	1.15209	1.07400	1.02392	.69092	.96903	.99971	.92292	.88240	.48965
1.101	-4.931	1.13412	1.16901	1.08645	1.03259	.69739	.98570	1.01603	.93520	.89765	.49656
1.101	-3.931	1.14621	1.18268	1.09687	1.03916	.70209	.99934	1.02931	.94508	.90795	.50192
1.100	-2.939	1.15598	1.19370	1.10514	1.04431	.70586	1.00992	1.03981	.95264	.91605	.50571
1.100	-1.922	1.16311	1.20252	1.11263	1.04856	.70845	1.01758	1.04873	.95821	.92239	.50851
1.100	-.925	1.16736	1.20872	1.11787	1.05108	.70982	1.02242	1.05071	.96297	.92242	.51025
1.100	.080	1.16912	1.21235	1.12159	1.05213	.70980	1.02437	1.05011	.96187	.91712	.51050
1.100	1.066	1.16786	1.21325	1.12306	1.05123	.70848	1.02359	1.05002	.96341	.91799	.51037
1.100	2.063	1.16393	1.21169	1.12286	1.04890	.70643	1.01950	1.05030	.95973	.91469	.50884
GRADIENT		.00430	.00612	.00525	.00239	.00129	.00484	.00448	.00353	.00206	.00172

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(SCM057) (03 OCT 91)

PARAMETRIC DATA

BETA = 4.000 PHI = 180.000

RUN NO. 1724/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.249	-7.925	1.15211	1.18697	1.11551	1.07126	.73916	.99400	1.03007	.95946	.91066	.53437
1.250	-6.894	1.17411	1.20977	1.13204	1.08281	.74834	1.01628	1.05180	.97558	.93205	.54363
1.250	-5.883	1.19174	1.22898	1.14600	1.09197	.75541	1.03476	1.06967	.98903	.95101	.55130
1.250	-4.873	1.20744	1.24524	1.15800	1.10054	.76150	1.05132	1.08584	1.00137	.96465	.55832
1.250	-3.862	1.21936	1.25829	1.16791	1.10740	.76623	1.06549	1.09975	1.01197	.97505	.56478
1.250	-2.850	1.23417	1.27767	1.18376	1.11275	.76974	1.07569	1.11035	1.01952	.98397	.56922
1.250	-1.841	1.24807	1.29371	1.19888	1.11830	.77194	1.08797	1.12200	1.02516	.98791	.57232
1.250	-.836	1.26363	1.31148	1.21948	1.12822	.77703	1.09977	1.12899	1.03007	.98785	.57471
1.250	.173	1.28666	1.32927	1.24275	1.14675	.78607	1.08870	1.12099	1.02899	.98506	.57601
1.250	1.158	1.32222	1.38432	1.29153	1.18384	.79638	1.08491	1.11990	1.03027	.98385	.57523
1.250	2.153	.00351	.00561	.00481	.00188	.00063	.00474	.00451	1.02702	.98104	.57403
	GRADIENT							.00362	.00193	.00220	

RUN NO. 1716/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.400	-6.923	1.20483	1.25379	1.16429	1.11034	.76876	1.03082	1.08059	.99727	.95996	.56209
1.400	-5.895	1.22131	1.27220	1.17699	1.11871	.77519	1.04759	1.09804	1.00985	.97770	.56323
1.400	-4.878	1.23530	1.28859	1.19007	1.12736	.78126	1.06321	1.11406	1.02164	.98961	.57456
1.400	-3.872	1.24677	1.30292	1.20004	1.13375	.78573	1.07684	1.12746	1.03212	.99974	.58029
1.400	-2.865	1.25633	1.31428	1.20822	1.13802	.78898	1.08698	1.13812	1.04039	1.00518	.58383
1.400	-1.852	1.26274	1.32275	1.21522	1.14143	.79088	1.09444	1.14704	1.04690	1.00861	.58889
1.399	-.851	1.26584	1.32803	1.21963	1.14290	.79123	1.09910	1.15117	1.05068	1.01028	.58867
1.400	.157	1.26712	1.33197	1.22335	1.14369	.79071	1.10162	1.15051	1.04987	1.00625	.59010
1.400	1.145	1.26616	1.33347	1.22524	1.14269	.78948	1.10158	1.15200	1.05285	1.00749	.59033
1.400	2.133	1.26189	1.33187	1.22539	1.13995	.78695	1.09781	1.15100	1.05015	1.00468	.58952
	GRADIENT	.00379	.00611	.00503	.00180	.00077	.00493	.00502	.00399	.00178	.00209

RUN NO. 1706/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.450	-7.874	1.18006	1.23948	1.15232	1.10196	.76214	.98850	1.05297	.97315	.93597	.54443
1.450	-6.841	1.19649	1.25966	1.16560	1.10965	.76763	1.00972	1.07589	.99113	.95889	.55410
1.451	-5.831	1.21484	1.27917	1.17859	1.11770	.77562	1.02816	1.09423	1.00466	.97613	.56102
1.450	-4.811	1.22569	1.29247	1.18952	1.12563	.78001	1.04137	1.10955	1.01566	.98605	.56646
1.450	-3.790	1.23672	1.30803	1.20038	1.13277	.78500	1.05496	1.12391	1.02686	.99454	.57234
1.450	-2.773	1.24545	1.32035	1.20855	1.13702	.78828	1.06363	1.13368	1.03394	.99883	.57511
1.450	-1.750	1.25333	1.32882	1.21582	1.14068	.79078	1.07202	1.14481	1.04147	1.00477	.57928
1.450	-.740	1.25567	1.33355	1.22005	1.14094	.79008	1.07658	1.14895	1.04496	1.00625	.58091
1.450	.272	1.25540	1.33607	1.22273	1.14109	.78870	1.07808	1.14800	1.04328	1.00282	.58271
1.450	1.254	1.25480	1.33639	1.22582	1.14087	.78794	1.07911	1.15073	1.04768	1.00395	.58500
1.450	2.240	1.25063	1.33694	1.22633	1.13831	.78505	1.07621	1.14987	1.04541	1.00150	.58480
	GRADIENT	.00353	.00610	.00511	.00168	.00060	.00489	.00549	.00407	.00200	.00256

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(SCM057) (03 OCT 91)

PARAMETRIC DATA

BETA = 4.000 PHI = 180.000

RUN NO. 1699/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CPO4
1.469	-7.887	1.16814	1.23526	1.14638	1.09698	.75748	.97413	1.05439	.97373	.93864	.54226
1.469	-6.855	1.18321	1.25661	1.15990	1.10408	.76321	.99285	1.07616	.99008	.96100	.55130
1.470	-5.841	1.20044	1.27557	1.17241	1.11077	.77094	1.00876	1.09502	1.00393	.97774	.55831
1.469	-4.822	1.21024	1.28959	1.18347	1.11845	.77575	1.02210	1.11082	1.01584	.98754	.56449
1.469	-3.808	1.21832	1.30292	1.19235	1.12448	.77966	1.03219	1.12338	1.02611	.99386	.56953
1.469	-2.789	1.22516	1.31431	1.20028	1.12831	.78253	1.04071	1.13351	1.03383	.99948	.57319
1.469	-1.769	1.23038	1.32307	1.20749	1.13101	.78452	1.04699	1.14232	1.03929	1.00361	.57624
1.469	-.761	1.23379	1.32868	1.21243	1.13156	.78476	1.05276	1.14762	1.04407	1.00646	.57961
1.469	.249	1.23352	1.33132	1.21520	1.13190	.78259	1.05455	1.14532	1.04145	1.00027	.58092
1.469	1.232	1.23234	1.33244	1.21696	1.13083	.78073	1.05462	1.14634	1.04479	1.00170	.58215
1.469	2.221	1.22789	1.33099	1.21722	1.12823	.77770	1.05095	1.14639	1.04148	.99822	.58126
	GRADIENT	.00264	.00585	.00484	.00133	.00024	.00428	.00480	.00356	.00142	.00245

RUN NO. 1692/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CPO4
1.497	-7.845	1.15459	1.23371	1.14305	1.09347	.75724	.95580	1.04879	.96815	.93669	.54149
1.497	-6.858	1.16519	1.25358	1.15575	1.10072	.76316	.96903	1.07008	.98445	.95826	.55110
1.497	-5.849	1.17672	1.27094	1.16695	1.10608	.76908	.97881	1.08758	.99687	.97377	.55699
1.497	-4.833	1.18516	1.28604	1.17920	1.11560	.77465	.98808	1.10457	1.00927	.98384	.56341
1.497	-3.821	1.18836	1.29927	1.18871	1.12213	.77781	.99312	1.11733	1.01946	.98943	.56757
1.497	-2.796	1.19262	1.31154	1.19722	1.12613	.78033	.99821	1.12826	1.02760	.99535	.57095
1.497	-1.783	1.19575	1.32020	1.20418	1.12804	.78132	1.00258	1.13902	1.03387	1.00036	.57432
1.496	-.774	1.19457	1.32427	1.20705	1.12596	.78007	1.00288	1.14045	1.03700	1.00159	.57551
1.497	.235	1.19491	1.32737	1.21017	1.12689	.77942	1.00561	1.13963	1.03357	.99435	.57759
1.496	1.217	1.19451	1.32817	1.21165	1.12517	.77692	1.00694	1.13856	1.03783	.99602	.57881
1.497	2.207	1.19247	1.32676	1.21197	1.12277	.77355	1.00687	1.14178	1.03474	.99337	.57876
	GRADIENT	.00104	.00570	.00457	.00078	-.00018	.00264	.00477	.00345	.00117	.00219

RUN NO. 1687/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CPO4
1.521	-7.847	1.09073	1.22347	1.13216	1.08302	.74861	.88003	1.04113	.96045	.93394	.53730
1.520	-6.866	1.08384	1.24353	1.14564	1.09112	.75500	.87226	1.06167	.97592	.95528	.54655
1.521	-5.849	1.07468	1.26126	1.15749	1.09709	.76104	.85950	1.07855	.98760	.96871	.55319
1.520	-4.830	1.06281	1.27657	1.16770	1.10388	.76534	.84640	1.09493	.99898	.97700	.55934
1.521	-3.814	1.05240	1.29028	1.17745	1.11065	.76988	.83623	1.11012	1.01006	.98335	.56437
1.521	-2.803	1.04263	1.30168	1.18440	1.11475	.77305	.82645	1.12439	1.01901	.98977	.56837
1.521	-1.785	1.03262	1.31043	1.19252	1.11629	.77508	.81373	1.13555	1.02585	.99501	.57109
1.520	-.777	1.02064	1.31504	1.19585	1.11492	.77399	.80103	1.13216	1.02847	.99558	.57180
1.520	.237	1.01663	1.31918	1.19985	1.11655	.77343	.79808	1.13175	1.02459	.98838	.57316
1.520	1.220	1.02230	1.32072	1.20218	1.11540	.77187	.80516	1.13090	1.02990	.99122	.57421
1.520	2.207	1.02933	1.31924	1.20257	1.11317	.76903	.81638	1.13836	1.02845	.98855	.57351
	GRADIENT	-.00563	.00602	.00494	.00110	.00043	-.00550	.00506	.00385	.00139	.00194

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(SCM057) (03 OCT 91)

PARAMETRIC DATA

BETA = 4.000 PHI = 180.000
 RUN NO. 1680/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.541	-7.888	.94643	1.22055	1.12804	1.08033	.74418	.70347	1.02982	.94817	.92870	.53510
1.543	-6.862	.88995	1.23803	1.13953	1.08648	.74982	.66477	1.04955	.96010	.94674	.54410
1.542	-5.847	.86998	1.25696	1.15157	1.09270	.75615	.65075	1.07180	.97359	.95437	.55004
1.545	-4.831	.86252	1.27388	1.16368	1.10233	.76244	.65652	1.10094	.99077	.96540	.55874
1.544	-3.819	.86053	1.28650	1.16909	1.10516	.76493	.66432	1.12036	1.00270	.97487	.56261
1.543	-2.800	.86504	1.29967	1.17799	1.10812	.76805	.67788	1.12725	1.01409	.98312	.56661
1.543	-1.781	.86728	1.31097	1.18613	1.10936	.77013	.68833	1.11052	1.02041	.98696	.56948
1.543	-.775	.87006	1.31847	1.18950	1.10897	.77043	.69738	1.09058	1.01119	.97674	.57087
1.543	.234	.87201	1.32308	1.19304	1.10864	.76991	.70404	1.09378	1.00457	.96743	.57050
1.543	1.217	.86976	1.32314	1.19344	1.10586	.76704	.70326	1.08923	1.00751	.97027	.57101
1.543	2.207	.86503	1.31902	1.19451	1.10468	.76538	.69808	1.10358	1.02248	.97730	.57014
	GRADIENT	.00104	.00684	.00458	.00026	.00044	.00680	-.00305	.00247	.00004	.00160

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(SCM058) (03 OCT 91)

PARAMETRIC DATA

ALPHA = -8.000 PHI = 180.000
 RUN NO. 1673/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
.600	-3.745	.60877	.64655	.56851	.53099	.14513	.77596	.80704	.75910	.66377	.35114
.600	-2.728	.63475	.67389	.59602	.55738	.17338	.75748	.79079	.73954	.64474	.32392
.600	-1.724	.65838	.69834	.62176	.58251	.20016	.73588	.77133	.71730	.63585	.29477
.600	-.718	.68264	.72309	.64589	.60799	.22974	.71458	.75234	.69544	.61845	.26735
.600	-.289	.69441	.73461	.65839	.62045	.24245	.70537	.74374	.68571	.60762	.25485
.600	.737	.71436	.75497	.68264	.64285	.26987	.68209	.72077	.66079	.58383	.22595
.600	1.747	.73595	.77620	.70685	.66558	.29831	.65776	.69743	.63506	.55517	.19605
.600	2.757	.75576	.79545	.72808	.68714	.32610	.63355	.67351	.60929	.52865	.16729
.600	3.771	.77554	.81446	.75011	.70845	.35375	.60729	.64838	.58188	.51138	.13687
	GRADIENT	.02213	.02226	.02418	.02364	.02783	-.02251	-.02125	-.02367	-.02102	-.02852

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(SCMO58) (03 OCT 91)

PARAMETRIC DATA

$$\text{ALPHA} = -8.000 \quad \text{PHI} = 180.000$$

RUN NO.	1749/ 0	RN/L = 2.51	GRADIENT INTERVAL = -5.00/ 5.00
---------	---------	-------------	---------------------------------

MACH	BETA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
.800	-3.820	.70054	.73284	.64906	.61058	.20386	.86252	.89192	.84069	.74856	.41867
.800	-2.803	.72460	.75848	.67655	.63610	.23557	.84415	.87523	.82073	.73855	.39155
.801	-1.801	.75256	.78873	.70736	.66778	.27417	.82823	.86115	.80442	.72861	.37166
.800	- .790	.77041	.80778	.72743	.68586	.29323	.80419	.83843	.77838	.70276	.33520
.800	- .211	.78246	.81985	.74196	.69917	.30804	.79076	.82587	.76439	.68923	.31763
.800	.832	.80315	.84133	.76557	.72293	.33771	.76851	.80343	.74010	.66156	.28776
.800	1.835	.82338	.86103	.78809	.74516	.36555	.74502	.78146	.71555	.63669	.25796
.799	2.841	.84404	.88096	.81022	.76746	.39395	.72309	.75979	.69173	.61974	.22960
.800	3.845	.86439	.89998	.83172	.78930	.42324	.70032	.73674	.66641	.60375	.20121
	GRADIENT	.02104	.02150	.02357	.02304	.02785	-.02149	-.02056	-.02301	-.02051	-.02885

RUN NO.	1662	/	0	RN/L	=	2.50	GRADIENT INTERVAL	=	-5.00	/	5.00
---------	------	---	---	------	---	------	-------------------	---	-------	---	------

MACH	BETA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CP04
.900	-3.810	.76863	.80007	.71428	.67642	.28068	.92197	.94988	.89853	.81367	.48320
.900	-2.784	.79119	.82373	.74017	.69981	.30666	.90451	.93447	.88007	.80438	.45749
.900	-1.783	.81384	.84791	.72443	.72443	.88600	.91740	.86006	.86006	.78619	.43093
.900	- .778	.83534	.87139	.79091	.74875	.36354	.86761	.90015	.84062	.76845	.40462
.900	- .229	.84625	.88253	.80304	.76125	.37819	.85448	.88837	.82711	.75581	.38769
.900	.808	.86524	.90300	.82610	.78339	.40571	.83245	.86667	.80325	.72803	.35837
.900	1.812	.88630	.92293	.84838	.80535	.43308	.81122	.84561	.77975	.70703	.33003
.900	2.821	.90547	.94163	.86981	.82643	.46040	.78983	.82416	.75661	.68999	.30349
.900	3.820	.92490	.95940	.88980	.84721	.48746	.76783	.80166	.73201	.67167	.27511
GRADIENT		.02037	.02089	.02306	.02244	.02721	-.02041	-.01962	-.02200	-.01975	-.02748

RUN NO.	1741/ 0	RN/L =	2.51	GRADIENT	INTERVAL =	-5.00/	5.00
---------	---------	--------	------	----------	------------	--------	------

MACH	BETA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CP04
1.099	-3.936	.92652	.95512	.87294	.83632	.47709	1.06991	1.09571	1.04700	.97473	.66512
1.100	-2.917	.94867	.97821	.89816	.85977	.50247	1.05547	1.08263	1.03130	.96283	.64280
1.100	-1.913	.96796	.99903	.91985	.88097	.52638	1.03797	1.06700	1.01323	.94595	.61875
1.101	-.911	.98782	1.02027	.94386	.90315	.55183	1.02057	1.05051	.99464	.92880	.59406
1.099	-.087	.99333	1.03323	.95778	.90182	.56990	1.00186	1.03354	.97584	.90924	.57141
1.099	.963	1.01902	1.05335	.98073	.93972	.59593	.98283	1.01476	.95473	.88616	.54557
1.100	1.957	1.03721	1.07151	1.00131	.95973	.62111	.96390	.99601	.93389	.87075	.52143
1.099	2.958	1.05414	1.08758	1.01960	.97791	.64434	.94413	.97592	.91218	.85484	.49612
1.100	3.965	1.07260	1.10480	1.03897	.99776	.66993	.92575	.95689	.89118	.83767	.47195
GRADIENT		.01820	.01878	.02087	.02030	.02431	-.01863	-.01789	-.02004	-.01809	-.02474

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(SCM058) (03 OCT 91)

PARAMETRIC DATA

ALPHA = -8.000 PHI = 180.000

RUN NO. 1725/ O		RN/L = 2.50		GRADIENT INTERVAL = -5.00/ 5.00		CPC11		CPC12		CPC10		CPL		CPC9		CPC3		CPC8		CPC7		CPR		BETA		MACH	
1.249	.99759	1.02891	.94152	.90427	.54379	1.14542	1.17344	1.12061	1.05052	.72871	CPO4																
1.250	1.01848	1.05174	.96643	.92757	.56890	1.12595	1.15687	1.10129	1.03281	.70383																	
1.250	1.03826	1.07338	.99011	.94949	.59331	1.10737	1.13996	1.08197	1.01511	.67935																	
1.250	1.05795	1.09416	1.01206	.97053	.61710	1.08882	1.12270	1.06245	.99536	.65454																	
1.250	1.07013	1.10696	1.02664	.98446	.63266	1.07594	1.10992	1.04826	.98166	.63907																	
1.250	1.08890	1.12639	1.04896	1.00580	.65784	1.05556	1.08980	1.02650	.96067	.61297																	
1.249	1.10710	1.14412	1.06850	1.02522	.68149	1.03519	1.07041	1.00490	.94519	.58814																	
1.250	1.12558	1.16161	1.08848	1.04501	.70580	1.01594	1.05133	.98391	.92959	.56445																	
1.250	1.14381	1.17879	1.10794	1.06437	.73067	.99594	1.03109	.96182	.91198	.53981																	
	.01876	.01924	.02138	.02058	.02401	-.01930	-.01846	-.02055	-.01812	-.02439																	
GRADIENT																											
RUN NO. 1717/ O		RN/L = 2.49		GRADIENT INTERVAL = -5.00/ 5.00		CPC11		CPC12		CPC10		CPL		CPC9		CPC3		CPC8		CPC7		CPR		BETA		MACH	
1.400	1.01456	1.06079	.96092	.92384	.56228	1.17522	1.21394	1.15390	1.08224	.75129	CPO4																
1.400	1.03688	1.08493	.98713	.94726	.61179	1.15366	1.19523	1.13221	1.06334	.72510																	
1.399	1.05750	1.10730	1.01125	.96934	.61106	1.13140	1.17540	1.11009	1.04271	.69854																	
1.400	1.07912	1.13006	1.03612	.99219	.63551	1.11190	1.15758	1.08993	1.02238	.67441																	
1.400	1.09460	1.14522	1.05337	1.00851	.65209	1.09766	1.14437	1.07590	1.00982	.65730																	
1.400	1.11601	1.16695	1.07719	1.03138	.67796	1.07688	1.12477	1.05309	.99333	.63194																	
1.400	1.13626	1.18552	1.09863	1.05178	.70224	1.05464	1.10347	1.03059	.97607	.60618																	
1.400	1.15767	1.20550	1.12090	1.07342	.72759	1.03425	1.08393	1.00924	.95915	.58226																	
1.400	1.17795	1.22363	1.14092	1.09344	.75180	1.01257	1.06097	.98483	.93973	.55643																	
	.02103	.02096	.02322	.02190	.02440	-.02081	-.01951	-.02156	-.01816	-.02494																	
GRADIENT																											
RUN NO. 1707/ O		RN/L = 2.50		GRADIENT INTERVAL = -5.00/ 5.00		CPC11		CPC12		CPC10		CPL		CPC9		CPC3		CPC8		CPC7		CPR		BETA		MACH	
1.450	.99754	1.05893	.95407	.92001	.56071	1.16299	1.21195	1.14965	1.08038	.74448	CPO4																
1.450	1.01948	1.08380	.98052	.94272	.58391	1.14056	1.19286	1.12859	1.06206	.71843																	
1.450	1.04389	1.10973	1.00911	.96749	.60988	1.11957	1.17522	1.10813	1.04264	.69352																	
1.449	1.06458	1.13132	1.03373	.98973	.63353	1.09635	1.15528	1.08587	1.02197	.66756																	
1.450	1.07476	1.14030	1.04528	1.00098	.64845	1.08406	1.14673	1.07675	1.01575	.65535																	
1.450	1.09520	1.16041	1.06782	1.02263	.67265	1.06040	1.12391	1.05242	.99651	.62908																	
1.450	1.11733	1.18111	1.09086	1.04496	.69814	1.03793	1.10194	1.02934	.97822	.60467																	
1.450	1.13836	1.20034	1.11291	1.06629	.72306	1.01604	1.08073	1.00672	.96028	.58127																	
1.450	1.15986	1.21892	1.13421	1.08706	.74899	.99290	1.05750	.98194	.94084	.55602																	
	.02143	.02103	.02381	.02220	.02509	-.02268	-.02051	-.02224	-.01848	-.02500																	
GRADIENT																											

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(SCM058) (03 OCT 91)

PARAMETRIC DATA

ALPHA = -8.000 PHI = 180.000

RUN NO. 1700/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CP04
1.469	-3.779	.98265	1.05764	.94877	.91262	.55853	1.15250	1.21470	1.15121	1.08243	.74147
1.469	-2.756	1.00536	1.08226	.97608	.93590	.58335	1.12967	1.19729	1.13089	1.06451	.71652
1.470	-1.751	1.02766	1.10655	1.00334	.96066	.60764	1.10575	1.17747	1.10836	1.04337	.69020
1.470	-.739	1.05015	1.13011	1.02950	.98531	.63224	1.08343	1.15860	1.08705	1.02449	.66523
1.469	-.254	1.05639	1.13707	1.03815	.99488	.64419	1.06366	1.14091	1.06932	1.01112	.65188
1.469	.796	1.07837	1.15812	1.06212	1.01708	.66936	1.03957	1.11841	1.04534	.99192	.62619
1.470	1.798	1.10204	1.17911	1.08522	1.03969	.69468	1.01712	1.09722	1.02237	.97414	.60140
1.470	2.797	1.12505	1.19958	1.10782	1.06159	.72003	.99437	1.07523	.99892	.95596	.57617
1.470	3.814	1.14878	1.21851	1.12946	1.08250	.74529	.97291	1.05281	.97519	.93824	.55094
GRADIENT		.02160	.02101	.02362	.02240	.02459	-.02412	-.02178	-.02357	-.01925	-.02514

RUN NO. 1693/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CP04
1.498	-3.792	.96381	1.05123	.94121	.90710	.55728	1.13593	1.20594	1.14240	1.07521	.73853
1.497	-2.773	.98074	1.07339	.96662	.92761	.57891	1.10557	1.18516	1.11922	1.05402	.71105
1.497	-1.764	1.00255	1.09671	.99313	.95201	.60274	1.08157	1.16591	1.09783	1.03327	.68601
1.496	-.758	1.02471	1.12017	1.01887	.97609	.62742	1.05789	1.14679	1.07622	1.01512	.66097
1.494	-.240	1.03187	1.12811	1.03012	.98739	.64055	1.03919	1.13174	1.06110	1.00371	.64933
1.495	.813	1.05091	1.14902	1.05321	1.00923	.66440	1.01181	1.10919	1.03674	.98498	.62338
1.496	1.807	1.07546	1.16930	1.07590	1.03127	.68928	.98940	1.08681	1.01301	.96610	.59848
1.495	2.811	1.09996	1.18919	1.09866	1.05290	.71426	.96816	1.06532	.99013	.94772	.57427
1.496	3.820	1.12583	1.20858	1.12077	1.07418	.74038	.94896	1.04374	.96719	.93179	.55075
GRADIENT		.02110	.02059	.02350	.02210	.02412	-.02482	-.02152	-.02318	-.01889	-.02458

RUN NO. 1688/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CP04
1.521	-3.835	.89924	1.04721	.93549	.89923	.55096	1.08294	1.20227	1.13810	1.07404	.73679
1.521	-2.770	.91256	1.07112	.96272	.92193	.57506	1.04500	1.18165	1.11572	1.05293	.71033
1.520	-1.767	.93034	1.09533	.98927	.94951	.59396	1.01296	1.16217	1.09378	1.03266	.68468
1.520	-.756	.94743	1.11747	1.01482	.97165	.62355	.98142	1.14218	1.07138	1.01573	.65919
1.520	-.234	.92365	1.12432	1.02416	.98123	.63744	.93117	1.12686	1.05451	1.00167	.64514
1.521	.803	.95137	1.14592	1.04837	1.00479	.66255	.90776	1.10562	1.03183	.98391	.62016
1.521	1.812	.97820	1.16681	1.07117	1.02709	.68725	.88206	1.08339	1.00787	.96449	.59443
1.520	2.823	1.01506	1.18765	1.09426	1.04907	.71282	.86800	1.06221	.98517	.94766	.57001
1.520	3.821	1.05037	1.20725	1.11607	1.06971	.73779	.85448	1.04024	.96139	.93125	.54535
GRADIENT		.01827	.02071	.02343	.02231	.02448	-.03148	-.02137	-.02331	-.01878	-.02505

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(SCM058) (03 OCT 91)

PARAMETRIC DATA

ALPHA = -8.000 PHI = 180.000

RUN NO. 1681/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.543	-3.791	.71405	1.03643	.92227	.88923	.54793	.92208	1.19166	1.12842	1.06538	.73261
1.545	-2.772	.69769	1.05905	.94803	.91142	.56971	.85284	1.16937	1.10413	1.04353	.70560
1.544	-1.765	.71615	1.08349	.97568	.93813	.59339	.81797	1.15015	1.08228	1.02338	.68072
1.543	-.758	.73800	1.10678	1.00211	.96203	.61692	.78485	1.12956	1.05947	1.00648	.65564
1.542	-.236	.74582	1.11791	1.01630	.97539	.63030	.75699	1.11885	1.04662	.99697	.63831
1.544	.806	.77214	1.14084	1.04351	1.00275	.65700	.73260	1.09926	1.02504	.98051	.61491
1.543	1.817	.80186	1.16038	1.06609	1.02385	.68085	.70566	1.07598	.99946	.96011	.58837
1.543	2.816	.83868	1.18122	1.08894	1.04593	.70597	.68691	1.05514	.97609	.94309	.56450
1.544	3.829	.88501	1.20328	1.11272	1.06859	.73324	.67337	1.03398	.95275	.92753	.54127
	GRADIENT	.02352	.02182	.02511	.02380	.02439	-.03153	-.02059	-.02300	-.01796	-.02524

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(SCM059) (03 OCT 91)

PARAMETRIC DATA

ALPHA = 2.000 PHI = 180.000

RUN NO. 1676/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
.600	-4.121	.74191	.78208	.65105	.56938	.18173	.90582	.94313	.86400	.80697	.41196
.600	-3.141	.76598	.81062	.68133	.59895	.21153	.88803	.92644	.84423	.78801	.38653
.600	-2.191	.78719	.83299	.70821	.62509	.23866	.86909	.90735	.82267	.76702	.35919
.600	-1.256	.80648	.85343	.73381	.64976	.26496	.84972	.88785	.80131	.74632	.33265
.600	-.303	.82669	.87560	.76111	.67694	.29285	.83106	.86817	.77939	.72452	.30588
.600	.734	.84541	.89431	.78511	.70200	.31926	.80830	.84330	.75234	.69815	.27518
.600	1.785	.86695	.91605	.81180	.72989	.34937	.78510	.81880	.72608	.67296	.24523
.600	2.833	.88786	.93683	.83742	.75687	.37827	.76156	.79416	.69977	.64786	.21549
.600	3.873	.90513	.95331	.85874	.77960	.40625	.73606	.76888	.67035	.62117	.18527
	GRADIENT	.02032	.02120	.02600	.02633	.02797	-.02121	-.02201	-.02426	-.02341	-.02850

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(SCM059) (03 OCT 91)

PARAMETRIC DATA

ALPHA = 2.000 PHI = 180.000

RUN NO. 1752/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CPO4
.799	-4.086	.82196	.86469	.73187	.64691	.24537	.97662	1.01644	.93621	.87834	.47449
.800	-3.097	.84346	.88904	.76001	.67425	.27382	.95812	.98333	.91553	.85782	.44706
.800	-2.136	.86436	.91171	.78673	.70098	.30155	.94078	.98067	.89549	.83795	.41998
.800	-1.188	.88357	.93192	.81212	.72610	.32878	.92291	.96207	.87446	.81742	.39310
.800	-.228	.90145	.95176	.83648	.75104	.35564	.90318	.94121	.85139	.79549	.36519
.800	.795	.92035	.97178	.86180	.77723	.38372	.88211	.91840	.82599	.77180	.33538
.800	1.840	.93977	.99160	.88653	.80358	.41240	.85993	.89496	.80058	.74760	.30563
.800	2.888	.95953	1.01095	.91105	.82916	.44191	.83719	.87045	.77444	.72232	.27506
.800	3.918	.97778	1.02829	.93314	.85251	.47031	.81387	.84724	.74749	.69702	.24469
	GRADIENT	.01934	.02034	.02515	.02575	.02805	-.02032	-.02131	-.02366	-.02268	-.02874

RUN NO. 1665/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CPO4
.900	-4.089	.87965	.92367	.79110	.70728	.31379	1.02875	1.06811	.98962	.93318	.53637
.900	-3.100	.90126	.94778	.81936	.73511	.34226	1.01205	1.05191	.97060	.91454	.51026
.900	-2.142	.92140	.96903	.84523	.76056	.36962	.99452	1.03380	.95028	.89486	.48370
.900	-1.199	.93908	.98744	.86866	.78374	.39517	.97653	1.01568	.92958	.87466	.45797
.900	-.236	.95650	1.00675	.89218	.80741	.42095	.95809	.99624	.90789	.85385	.43145
.900	.798	.97511	1.02683	.91672	.83319	.44834	.93776	.97417	.88365	.83068	.40253
.900	1.841	.99357	1.04585	.94081	.85904	.47571	.91691	.95159	.85960	.80755	.37325
.900	2.881	1.01173	1.06383	.96368	.88318	.50394	.89486	.92789	.83391	.78301	.34339
.900	3.911	1.03005	1.08148	.98592	.90676	.53224	.87363	.90627	.80877	.76046	.31589
	GRADIENT	.01857	.01955	.02421	.02484	.02711	-.01948	-.02047	-.02273	-.02178	-.02769

RUN NO. 1744/ O RN/L = 2.51 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CPO4
1.099	-4.031	1.02679	1.06922	.94643	.86664	.50947	1.15936	1.19712	1.12405	1.07081	.70658
1.100	-3.023	1.04641	1.09067	.97159	.89184	.53489	1.14376	1.18164	1.10597	1.05307	.68248
1.100	-2.051	1.06492	1.11032	.99577	.91575	.56000	1.12764	1.16534	1.08743	1.03540	.65868
1.100	-1.082	1.08137	1.12761	1.01759	.93763	.58401	1.11118	1.14841	1.06807	1.01653	.63489
1.100	-.106	1.09733	1.14492	1.03886	.95951	.60697	1.09428	1.13035	1.04806	.99751	.61070
1.100	.920	1.11397	1.16279	1.06063	.98244	.63145	1.07628	1.11073	1.02628	.97680	.58472
1.099	1.944	1.13078	1.17978	1.08202	1.00557	.65568	1.05818	1.09090	1.00500	.95632	.55907
1.100	2.966	1.14793	1.19687	1.10353	1.02823	.68187	1.03941	1.07080	.98302	.93536	.53414
1.100	3.982	1.16409	1.21189	1.12290	1.04886	.70654	1.01984	1.05069	.96015	.91509	.50933
	GRADIENT	.01696	.01771	.02194	.02270	.02446	-.01742	-.01842	-.02052	-.01957	-.02472

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(SCM059) (03 OCT 91)

PARAMETRIC DATA

ALPHA = 2.000 PHI = 180.000

MACH	BETA	RUN NO.	1728/ O	RN/L =	2.50	GRADIENT INTERVAL =	-5.00/	5.00	CPL	CPC10	CPC11	CPC12	CPO4
1.250	-4.076	1.09300	1.14073	1.01342	.93119	.57418	1.23006	1.27198	1.19481	1.14065	1.14065	1.14065	.76919
1.250	-3.075	1.11163	1.16044	1.03672	.95463	.59824	1.21297	1.25517	1.17542	1.12154	1.12154	1.12154	.74465
1.250	-2.107	1.13081	1.18098	1.06128	.97866	.62282	1.19708	1.23934	1.15752	1.10401	1.10401	1.10401	.72185
1.250	-1.162	1.14720	1.19865	1.08260	1.00005	.64572	1.18099	1.22252	1.13869	1.08573	1.08573	1.08573	.69999
1.250	-.197	1.16371	1.21671	1.10514	1.02219	.66860	1.16346	1.20377	1.11801	1.06618	1.06618	1.06618	.67621
1.250	.834	1.18137	1.23522	1.12853	1.04671	.69276	1.14516	1.18386	1.09585	1.04543	1.04543	1.04543	.65088
1.250	1.866	1.19836	1.25232	1.15061	1.07013	.71661	1.12576	1.16344	1.07370	1.02426	1.02426	1.02426	.62508
1.250	2.910	1.21554	1.26908	1.17202	1.09294	.74204	1.10502	1.14161	1.04994	1.00208	1.00208	1.00208	.59908
1.250	3.938	1.23254	1.28478	1.19218	1.11442	.76697	1.08515	1.12024	1.02736	.98132	.98132	.98132	.57422
	GRADIENT	.01733	.01802	.02243	.02297	.02397	-.01806	-.01900	-.02097	-.01995	-.01995	-.01995	-.02435

MACH	BETA	RUN NO.	1720/ O	RN/L =	2.50	GRADIENT INTERVAL =	-5.00/	5.00	CPL	CPC10	CPC11	CPC12	CPO4
1.400	-4.068	1.10635	1.17503	1.03157	.94348	.58904	1.25776	1.31516	1.22858	1.17219	1.17219	1.17219	.78965
1.400	-3.065	1.12711	1.19722	1.05788	.96899	.61321	1.23832	1.29635	1.20780	1.15252	1.15252	1.15252	.76455
1.400	-2.100	1.14685	1.21792	1.08295	.99399	.63727	1.21871	1.27762	1.18791	1.13286	1.13286	1.13286	.73991
1.400	-1.151	1.16395	1.23583	1.10584	1.01590	.65996	1.20001	1.25915	1.16713	1.11347	1.11347	1.11347	.71585
1.400	-.177	1.18252	1.25507	1.12967	1.03892	.68426	1.18036	1.23904	1.14485	1.09266	1.09266	1.09266	.69138
1.400	.855	1.20203	1.27524	1.15522	1.06501	.71004	1.16032	1.21775	1.12139	1.07078	1.07078	1.07078	.66594
1.400	1.884	1.22108	1.29400	1.17909	1.09055	.73486	1.13996	1.19624	1.09824	1.04909	1.04909	1.04909	.64013
1.400	2.919	1.24161	1.31321	1.20236	1.11630	.76105	1.11903	1.17392	1.07447	1.02645	1.02645	1.02645	.61424
1.400	3.945	1.26243	1.33254	1.22612	1.14057	.78749	1.09841	1.15144	1.05064	1.00512	1.00512	1.00512	.58985
	GRADIENT	.01925	.01949	.02425	.02455	.02472	-.01988	-.02045	-.02229	-.02096	-.02096	-.02096	-.02500

MACH	BETA	RUN NO.	1710/ O	RN/L =	2.50	GRADIENT INTERVAL =	-5.00/	5.00	CPL	CPC10	CPC11	CPC12	CPO4
1.450	-4.110	1.08525	1.17326	1.02431	.93480	.58007	1.24766	1.31967	1.22982	1.17427	1.17427	1.17427	.78839
1.449	-3.124	1.10465	1.19681	1.05012	.95992	.60384	1.22441	1.29827	1.20734	1.15282	1.15282	1.15282	.76128
1.450	-2.172	1.12487	1.21903	1.07686	.98546	.62884	1.20379	1.28126	1.18847	1.13424	1.13424	1.13424	.73756
1.449	-1.245	1.14265	1.23690	1.10096	1.00877	.65220	1.18360	1.26333	1.16793	1.11411	1.11411	1.11411	.71312
1.449	-.287	1.16229	1.25721	1.12501	1.03152	.67682	1.16330	1.24247	1.14455	1.09220	1.09220	1.09220	.68782
1.450	.743	1.18278	1.27800	1.15128	1.05764	.70376	1.14138	1.21855	1.11941	1.06883	1.06883	1.06883	.66186
1.450	1.791	1.20422	1.29743	1.17671	1.08430	.73039	1.11942	1.19652	1.09600	1.04735	1.04735	1.04735	.63633
1.450	2.852	1.22737	1.31667	1.20121	1.11132	.75734	1.09747	1.17389	1.07055	1.02421	1.02421	1.02421	.60984
1.449	3.891	1.24899	1.33551	1.22482	1.13667	.78359	1.07566	1.14896	1.04448	1.00056	1.00056	1.00056	.58387
	GRADIENT	.02042	.02014	.02514	.02520	.02555	-.02138	-.02124	-.02316	-.02172	-.02172	-.02172	-.02549

IA310 (AEDC 16TF-783) PROBE CALIBRATION (SCM059) (03 OCT 91)

PARAMETRIC DATA

ALPHA = 2.000 PHI = 180.000

RUN NO. 1703/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.484	-4.105	1.06115	1.17289	1.02245	.93259	.57920	1.22470	1.31373	1.22277	1.16692	.78241
1.470	-3.111	1.08073	1.19649	1.04867	.95857	.60209	1.20172	1.29466	1.20027	1.14590	.75715
1.470	-2.157	1.09911	1.21694	1.07320	.98262	.62586	1.17957	1.27477	1.17919	1.12595	.73282
1.470	-1.226	1.11582	1.23483	1.09619	1.00461	.64996	1.15673	1.25530	1.15873	1.10608	.70907
1.485	-.265	1.13507	1.25345	1.12008	1.02736	.67383	1.13512	1.23550	1.13674	1.08557	.68448
1.471	.759	1.15717	1.27348	1.14554	1.05237	.70029	1.11445	1.21576	1.11478	1.06558	.65893
1.470	1.813	1.17944	1.29171	1.16848	1.07587	.72460	1.09301	1.19347	1.09055	1.04348	.63276
1.470	2.863	1.20360	1.31193	1.19394	1.10310	.75166	1.07274	1.17101	1.06659	1.02122	.60703
1.484	3.899	1.22763	1.33049	1.21727	1.12845	.77761	1.05100	1.14693	1.04182	.99858	.58121
GRADIENT		.02067	.01944	.02429	.02424	.02489	-.02165	-.02072	-.02249	-.02093	-.02514

RUN NO. 1696/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.495	-4.100	1.01565	1.16514	1.01271	.92347	.57506	1.18750	1.30767	1.21659	1.16170	.77764
1.495	-3.103	1.02842	1.18991	1.03857	.94941	.59818	1.15755	1.28707	1.19370	1.13994	.75181
1.495	-2.146	1.04459	1.21108	1.06376	.97387	.62253	1.13092	1.26852	1.17335	1.12087	.72849
1.494	-1.213	1.06062	1.22825	1.08655	.99559	.64574	1.10532	1.24982	1.15222	1.10114	.70537
1.494	-.258	1.07844	1.24473	1.10870	1.01700	.66894	1.08085	1.22981	1.13022	1.08033	.68103
1.495	.779	1.10469	1.26531	1.13440	1.04216	.69428	1.05974	1.20906	1.10765	1.05926	.65488
1.495	1.819	1.13029	1.28473	1.15893	1.06636	.71917	1.03979	1.18725	1.08351	1.03737	.62837
1.495	2.874	1.16119	1.30566	1.18579	1.09435	.74652	1.02303	1.16475	1.05807	1.01427	.60200
1.495	3.907	1.19094	1.32567	1.21103	1.12173	.77298	1.00569	1.14036	1.03345	.99213	.57803
GRADIENT		.02202	.01960	.02460	.02438	.02469	-.02263	-.02071	-.02278	-.02111	-.02503

RUN NO. 1691/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.521	-4.099	.83707	1.16274	1.00602	.91770	.57556	1.03266	1.30138	1.20958	1.15589	.77400
1.521	-3.103	.81718	1.18786	1.03211	.94296	.59892	.97044	1.28180	1.18785	1.13510	.74822
1.521	-2.151	.81502	1.21028	1.05627	.96745	.62273	.91855	1.26450	1.16719	1.11566	.72434
1.521	-1.215	.82542	1.22792	1.07794	.98813	.64557	.87841	1.24750	1.14609	1.09574	.70049
1.521	-.256	.84642	1.24543	1.10072	1.00986	.66781	.85291	1.22987	1.12462	1.07559	.67662
1.521	.778	.87073	1.26222	1.12531	1.03362	.69110	.82464	1.20850	1.09990	1.05308	.64976
1.521	1.826	.91478	1.28082	1.15139	1.05967	.71696	.81017	1.18715	1.07711	1.03291	.62417
1.521	2.875	.97427	1.30063	1.17786	1.08652	.74369	.81388	1.16444	1.05364	1.01169	.59879
1.521	3.907	1.03433	1.31981	1.20314	1.11371	.76964	.82270	1.13947	1.02951	.98969	.57434
GRADIENT		.02537	.01904	.02443	.02412	.02412	-.02614	-.01994	-.02252	-.02075	-.02500

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(SCM059) (03 OCT 91)

PARAMETRIC DATA

ALPHA = 2.000 PHI = 180.000

RUN NO. 1684/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.544	-4.099	.69893	1.12086	.98584	.89960	.57492	.87435	1.30739	1.20835	1.15433	.76812
1.544	-3.108	.84915	1.07841	1.01218	.92847	.59764	.95522	1.33238	1.18973	1.13559	.74246
1.544	-2.147	.91037	1.08613	1.04801	.95816	.61991	.97376	1.32077	1.17130	1.11513	.71724
1.543	-1.209	.93790	1.11989	1.08193	.98451	.64179	.97055	1.24339	1.15314	1.09482	.69359
1.543	.250	.95036	1.19070	1.11013	1.00785	.66420	.95420	1.15331	1.13163	1.07301	.66924
1.543	.782	.95125	1.29478	1.13238	1.03107	.68685	.92156	1.09898	1.10223	1.04680	.64237
1.544	1.820	.94044	1.33933	1.15338	1.05617	.71207	.97544	1.07302	1.07327	1.02192	.61820
1.543	2.879	.88078	1.31864	1.17377	1.08099	.73901	.76945	1.08407	1.04681	.99825	.59354
1.544	3.907	.86548	1.32023	1.19541	1.10545	.76623	.69896	1.10658	1.02402	.97875	.57069
	GRADIENT	.01348	.03669	.02637	.02541	.02369	-.02556	-.03631	-.02362	-.02252	-.02479

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(SCM060) (03 OCT 91)

PARAMETRIC DATA

BETA = -1.000 PHI = 180.000

RUN NO. 1729/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.250	-5.036	1.11538	1.15402	1.05340	.99266	.64047	1.14252	1.17800	1.10344	1.05486	.67706
1.250	-4.776	1.11897	1.15774	1.05609	.99405	.64166	1.14620	1.18175	1.10637	1.05853	.67884
1.250	-4.525	1.12226	1.16145	1.05926	.99564	.64331	1.14873	1.18457	1.10845	1.06072	.67962
1.249	-4.279	1.12536	1.16457	1.06136	.99670	.64393	1.15198	1.18792	1.11099	1.06335	.68083
1.250	-4.029	1.12892	1.16852	1.06395	.99907	.64601	1.15486	1.19101	1.11348	1.06622	.68244
1.250	-3.788	1.13169	1.17150	1.06576	1.00096	.64661	1.15782	1.19411	1.11582	1.06853	.68344
1.250	-3.537	1.13521	1.17547	1.06846	1.00419	.64803	1.16140	1.19807	1.11880	1.07197	.68522
1.250	-3.289	1.13816	1.17870	1.07060	1.00670	.64936	1.16417	1.20101	1.12114	1.07474	.68644
1.250	-3.041	1.13955	1.18038	1.07095	1.00677	.64946	1.16559	1.20265	1.12214	1.07638	.68676
	GRADIENT	.01230	.01348	.00884	.00811	.00470	.01174	.01260	.00960	.01073	.00499

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(SCM061) (03 OCT 91)

PARAMETRIC DATA

BETA = -.750 PHI = 180.000

RUN NO. 1730/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.250	-5.032	1.12022	1.15920	1.05940	.99868	.64688	1.13767	1.17341	1.09805	1.05026	.67080
1.250	-4.767	1.12362	1.16280	1.06197	.99962	.64772	1.14161	1.17746	1.10133	1.05403	.67267
1.250	-4.519	1.12682	1.16610	1.06455	1.00090	.64900	1.14442	1.18029	1.10347	1.05629	.67374
1.250	-4.271	1.13035	1.16993	1.06709	1.00294	.65059	1.14773	1.18382	1.10634	1.05919	.67537
1.250	-4.022	1.13366	1.17345	1.06965	1.00481	.65206	1.15046	1.18674	1.10843	1.06147	.67622
1.250	-3.774	1.13719	1.17745	1.07230	1.00767	.65345	1.15375	1.19024	1.11105	1.06428	.67740
1.250	-3.525	1.13956	1.18007	1.07400	1.00984	.65404	1.15643	1.19306	1.11339	1.06698	.67886
1.250	-3.276	1.14186	1.18279	1.07570	1.01168	.65492	1.15866	1.19539	1.11503	1.06907	.67970
1.250	-3.027	1.14472	1.18598	1.07733	1.01336	.65607	1.16120	1.19805	1.11692	1.07151	.68050
	GRADIENT	.01217	.01341	.00894	.00831	.00478	.01138	.01201	.00913	.01017	.00461

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(SCM062) (03 OCT 91)

PARAMETRIC DATA

BETA = -.500 PHI = 180.000

RUN NO. 1731/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.250	-5.016	1.12420	1.16332	1.06417	1.00356	.65204	1.13318	1.16907	1.09319	1.04584	.66493
1.250	-4.758	1.12872	1.16806	1.06768	1.00566	.65407	1.13734	1.17343	1.09670	1.05009	.66712
1.250	-4.511	1.13190	1.17143	1.07029	1.00703	.65550	1.14006	1.17602	1.09843	1.05189	.66775
1.250	-4.259	1.13519	1.17498	1.07271	1.00855	.65650	1.14362	1.17978	1.10147	1.05493	.66944
1.250	-4.007	1.13826	1.17823	1.07500	1.01031	.65767	1.14640	1.18266	1.10366	1.05725	.67057
1.250	-3.760	1.14110	1.18164	1.07731	1.01258	.65874	1.14909	1.18567	1.10596	1.05952	.67146
1.250	-3.513	1.14445	1.18541	1.08004	1.01618	.66028	1.15191	1.18866	1.10810	1.06207	.67236
1.250	-3.261	1.14674	1.18819	1.08164	1.01796	.66121	1.15419	1.19108	1.11001	1.06449	.67344
1.250	-3.019	1.14915	1.19089	1.08300	1.01919	.66224	1.15667	1.19337	1.11176	1.06670	.67427
	GRADIENT	.01185	.01331	.00901	.00835	.00470	.01117	.01170	.00888	.00971	.00422

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(SCM063) (03 OCT 91)

PARAMETRIC DATA

BETA = -.250 PHI = 180.000

RUN NO. 1732/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.250	-5.009	1.12906	1.16839	1.06984	1.00925	.65813	1.12898	1.16501	1.08861	1.04187	.65921
1.250	-4.752	1.13334	1.17271	1.07322	1.01105	.66009	1.13288	1.16886	1.09160	1.04529	.66110
1.250	-4.500	1.13667	1.17639	1.07586	1.01265	.66134	1.13608	1.17232	1.09418	1.04809	.66240
1.249	-4.249	1.13958	1.17967	1.07823	1.01406	.66240	1.13874	1.17502	1.09620	1.05023	.66336
1.250	-4.002	1.14310	1.18351	1.08086	1.01619	.66373	1.14225	1.17853	1.09881	1.05296	.66471
1.250	-3.751	1.14602	1.18684	1.08335	1.01947	.66528	1.14462	1.18110	1.10064	1.05498	.66548
1.250	-3.500	1.14853	1.18993	1.08516	1.02176	.66587	1.14769	1.18432	1.10306	1.05760	.66669
1.250	-3.254	1.15160	1.19317	1.08747	1.02381	.66735	1.15085	1.18747	1.10571	1.06057	.66822
1.250	-3.003	1.15395	1.19582	1.08891	1.02469	.66816	1.15304	1.18972	1.10730	1.06259	.66878
	GRADIENT	.01186	.01334	.00912	.00847	.00469	.01164	.01203	.00906	.00990	.00447

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(SCM064) (03 OCT 91)

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 1733/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.250	-5.001	1.13361	1.17307	1.07520	1.01497	.66408	1.12453	1.16055	1.08367	1.03742	.65335
1.250	-4.738	1.13775	1.17747	1.07868	1.01661	.66605	1.12793	1.16410	1.08631	1.04035	.65448
1.250	-4.492	1.14128	1.18117	1.08137	1.01824	.66746	1.13159	1.16793	1.08931	1.04376	.65669
1.250	-4.240	1.14471	1.18522	1.08435	1.02029	.66897	1.13444	1.17092	1.09148	1.04625	.65763
1.250	-3.993	1.14776	1.18870	1.08673	1.02250	.67016	1.13781	1.17445	1.09416	1.04882	.65919
1.250	-3.737	1.15063	1.19173	1.08877	1.02513	.67127	1.14082	1.17736	1.09635	1.05113	.66045
1.250	-3.490	1.15356	1.19504	1.09125	1.02823	.67262	1.14330	1.18000	1.09833	1.05333	.66122
1.250	-3.239	1.15556	1.19731	1.09241	1.02900	.67396	1.14548	1.18209	1.09975	1.05497	.66155
1.249	-2.988	1.15844	1.20081	1.09454	1.03045	.67415	1.14846	1.18537	1.10220	1.05790	.66284
	GRADIENT	.01168	.01315	.00898	.00843	.00458	.01154	.01188	.00885	.00963	.00451

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(SCM065) (03 OCT 91)

PARAMETRIC DATA

BETA = .250 PHI = 180.000

RUN NO. 1734/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.249	-4.991	1.13825	1.17772	1.08066	1.02042	.67003	1.11991	1.15592	1.07838	1.03261	.64695
1.250	-4.732	1.14235	1.18206	1.08396	1.02182	.67175	1.12360	1.15963	1.08125	1.03596	.64854
1.250	-4.485	1.14621	1.18631	1.08720	1.02398	.67369	1.12694	1.16311	1.08388	1.03887	.65007
1.250	-4.232	1.14904	1.18968	1.08948	1.02571	.67471	1.12981	1.16599	1.08600	1.04107	.65101
1.250	-3.979	1.15227	1.19338	1.09219	1.02833	.67623	1.13281	1.16920	1.08840	1.04361	.65228
1.250	-3.732	1.15487	1.19618	1.09392	1.03073	.67692	1.13572	1.17226	1.09076	1.04606	.65362
1.250	-3.479	1.15808	1.19978	1.09663	1.03371	.67841	1.13899	1.17574	1.09350	1.04888	.65523
1.250	-3.226	1.15966	1.20164	1.09749	1.03423	.67864	1.14102	1.17767	1.09480	1.05066	.65591
1.250	-2.977	1.16276	1.20542	1.10020	1.03583	.68022	1.14426	1.18106	1.09744	1.05349	.65738
GRADIENT		.01190	.01346	.00942	.00817	.00485	.01191	.01234	.00934	.01012	.00509

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(SCM066) (03 OCT 91)

PARAMETRIC DATA

BETA = .500 PHI = 180.000

RUN NO. 1735/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.250	-4.984	1.14343	1.18306	1.08650	1.02642	.67663	1.11598	1.15181	1.07380	1.02868	.64149
1.250	-4.725	1.14674	1.18693	1.08937	1.02737	.67776	1.11923	1.15535	1.07646	1.03158	.64284
1.250	-4.471	1.15022	1.19059	1.09205	1.02914	.67925	1.12247	1.15859	1.07887	1.03428	.64412
1.250	-4.221	1.15323	1.19397	1.09439	1.03105	.68035	1.12526	1.16149	1.08093	1.03652	.64504
1.250	-3.972	1.15674	1.19792	1.09730	1.03383	.68198	1.12821	1.16445	1.08322	1.03886	.64627
1.250	-3.717	1.15938	1.20085	1.09944	1.03670	.68291	1.13081	1.16718	1.08514	1.04077	.64714
1.250	-3.466	1.16282	1.20462	1.10223	1.03964	.68454	1.13433	1.17073	1.08798	1.04381	.64877
1.250	-3.210	1.16495	1.20707	1.10371	1.04042	.68514	1.13717	1.17370	1.09023	1.04624	.65028
1.250	-2.963	1.16681	1.20944	1.10505	1.04087	.68557	1.13919	1.17573	1.09164	1.04807	.65073
GRADIENT		.01186	.01327	.00942	.00816	.00469	.01162	.01194	.00892	.00957	.00467

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(SCMO67) (03 OCT 91)

PARAMETRIC DATA

BETA = .750 PHI = 180.000

RUN NO. 1736/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CP04
1.250	-4.976	1.14829	1.18829	1.09241	1.03214	.68270	1.11183	1.14785	1.06924	1.02443	.63561
1.250	-4.715	1.15146	1.19192	1.09501	1.03324	.68399	1.11479	1.15104	1.07167	1.02731	.63711
1.250	-4.464	1.15525	1.19599	1.09813	1.03555	.68573	1.11792	1.15417	1.07401	1.02984	.63816
1.250	-4.212	1.15861	1.19952	1.10043	1.03765	.68704	1.12144	1.15754	1.07649	1.03244	.63969
1.250	-3.960	1.16111	1.20243	1.10252	1.03951	.68781	1.12411	1.16033	1.07851	1.03454	.64075
1.250	-3.708	1.16438	1.20623	1.10534	1.04296	.68935	1.12710	1.16352	1.08097	1.03711	.64197
1.250	-3.453	1.16716	1.20912	1.10735	1.04490	.69025	1.13023	1.16659	1.08324	1.03930	.64334
1.250	-3.203	1.16968	1.21198	1.10930	1.04599	.69115	1.13290	1.16923	1.08528	1.04164	.64434
1.250	-2.947	1.17182	1.21466	1.11103	1.04677	.69193	1.13527	1.17176	1.08711	1.04384	.64526
GRADIENT		.01175	.01308	.00927	.00795	.00460	.01175	.01193	.00891	.00950	.00480

IA310 (AEDC 16TF-783) PROBE CALIBRATION

(SCMO68) (03 OCT 91)

PARAMETRIC DATA

BETA = 1.000 PHI = 180.000

RUN NO. 1737/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CP04
1.250	-4.968	1.15282	1.19284	1.09757	1.03760	.68877	1.10693	1.14289	1.06375	1.01950	.62922
1.250	-4.705	1.15654	1.19702	1.10074	1.03925	.69032	1.11078	1.14682	1.06673	1.02273	.63109
1.250	-4.455	1.15961	1.20018	1.10297	1.04096	.69149	1.11351	1.14947	1.06869	1.02499	.63216
1.250	-4.206	1.16272	1.20374	1.10548	1.04290	.69281	1.11676	1.15278	1.07127	1.02759	.63360
1.250	-3.950	1.16588	1.20720	1.10798	1.04543	.69406	1.11987	1.15580	1.07356	1.02997	.63499
1.250	-3.694	1.16841	1.21004	1.10997	1.04803	.69489	1.12252	1.15857	1.07547	1.03209	.63594
1.250	-3.440	1.17112	1.21317	1.11216	1.04977	.69585	1.12536	1.16154	1.07786	1.03450	.63709
1.250	-3.190	1.17421	1.21687	1.11498	1.05151	.69750	1.12859	1.16489	1.08060	1.03727	.63893
1.250	-2.938	1.17640	1.21944	1.11683	1.05241	.69842	1.13123	1.16755	1.08259	1.03945	.64011
GRADIENT		.01158	.01304	.00938	.00781	.00467	.01184	.01202	.00917	.00966	.00522

(SCM069) (03 OCT 91)

IA310 (AEDC 16TF-783) REPEAT RUNS

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 1671/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CPO4
.599	-7.999	.70736	.74768	.67341	.63301	.25894	.69567	.73410	.67437	.59812	.24148
.599	-6.982	.73815	.77739	.69545	.64809	.27066	.72442	.76176	.69514	.62490	.24970
.600	-5.975	.76669	.80510	.71508	.66213	.28242	.75289	.78867	.71591	.65928	.26305
.600	-4.979	.78831	.82613	.72982	.66835	.29087	.77426	.80944	.73127	.68056	.27242
.600	-3.977	.80706	.84499	.74319	.67670	.29790	.79241	.82654	.74413	.69485	.27841
.600	-2.974	.82263	.86125	.75519	.68958	.30457	.80835	.84192	.75619	.70828	.28615
.600	-1.968	.83462	.87382	.76442	.69357	.30890	.81880	.85236	.76432	.71791	.29012
.601	-.949	.84112	.88160	.76977	.69362	.31078	.82443	.85797	.78165	.73176	.30658
.600	-.078	.83571	.87762	.76120	.68261	.29983	.83759	.87176	.78269	.72959	.30838
.600	.971	.83095	.87600	.75981	.67797	.29543	.83671	.87220	.77885	.72413	.30653
.600	1.989	.82662	.87523	.76110	.67685	.29390	.83073	.86737	.00727	.00663	.00541
	GRADIENT	.00523	.00670	.00394	.00057	-.00002	.00853	.00875			

RUN NO. 1747/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CPO4
.800	-7.999	.79277	.83052	.75238	.70977	.32268	.78291	.81830	.75612	.68076	.30754
.800	-6.978	.82093	.85850	.77296	.72359	.33336	.81171	.84658	.77757	.70990	.31872
.800	-5.977	.84590	.88362	.79060	.73674	.34343	.83483	.86963	.79475	.73780	.32825
.800	-4.976	.86591	.90355	.80434	.74152	.35065	.85497	.89003	.80998	.75915	.33711
.800	-3.981	.88345	.92164	.81747	.75038	.35908	.87180	.90655	.82245	.77203	.34446
.800	-2.974	.89629	.93620	.82773	.76131	.36428	.88496	.91969	.83256	.78362	.34999
.801	-1.972	.90617	.94750	.83587	.76425	.36861	.89437	.92928	.84035	.79213	.35451
.800	-.965	.91350	.95619	.84238	.76535	.37103	.90108	.93636	.84553	.79716	.35709
.800	.147	.91289	.95823	.84115	.76030	.36530	.90707	.94340	.85194	.80060	.36370
.800	.988	.90655	.95408	.83684	.75379	.35885	.90897	.94609	.85541	.80154	.36798
.800	1.998	.90170	.95206	.83655	.75123	.35604	.90288	.94098	.85124	.79542	.36546
	GRADIENT	.00507	.00689	.00442	.00101	.00052	.00710	.00755	.00617	.00547	.00429

RUN NO. 1660/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CPO4
.900	-8.000	.85616	.89221	.81293	.77015	.38966	.84749	.88120	.81872	.74646	.37652
.899	-6.979	.88145	.91821	.83266	.78345	.40043	.87122	.90481	.83642	.77207	.38437
.900	-5.970	.90545	.94290	.84987	.79633	.41039	.89464	.92845	.85424	.79901	.39560
.900	-4.971	.92421	.96168	.86270	.80101	.41748	.91306	.94714	.86851	.81862	.40424
.900	-3.977	.93911	.97747	.87405	.80762	.42347	.92710	.96159	.87893	.83011	.40952
.900	-2.966	.95292	.99255	.88496	.81930	.42952	.94129	.97591	.89026	.84324	.41610
.900	-1.966	.96012	1.00151	.89107	.82039	.43163	.94836	.98327	.89562	.84964	.41862
.900	-.955	.96807	1.01098	.89852	.82235	.43510	.95589	.99117	.90188	.85493	.42221
.900	-.086	.96349	1.00831	.89219	.81348	.42614	.96365	.99979	.91002	.86092	.43133
.900	.994	.96071	1.00807	.89219	.81015	.42338	.96310	1.00043	.91117	.85902	.43320
.900	2.003	.95596	1.00630	.89200	.80722	.42067	.95683	.99518	.90679	.85277	.43023
	GRADIENT	.00445	.00627	.00391	.00050	.00019	.00672	.00731	.00593	.00530	.00418

IA310 (AEDC 16TF-783) REPEAT RUNS

(SCM069) (03 OCT 91)

PARAMETRIC DATA

		RUN NO. 1739/ 0		RN/L =	2.51	GRADIENT INTERVAL = -5.00/ 5.00		BETA =	.000	PHI	=	180.000
MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12		CP04
1.099	-8.003	1.00324	1.03681	.96125	.92079	.57333	1.00007	1.03174	.97345	.90642		.56796
1.101	-6.975	1.02852	1.06255	.98151	.93458	.58493	1.02401	1.05520	.99144	.93266		.57818
1.101	-5.975	1.04740	1.08246	.99474	.94357	.59211	1.04298	1.07463	1.00592	.95375		.58617
1.100	-4.978	1.06451	1.09982	1.00666	.94856	.59843	1.05877	1.09066	1.01767	.97098		.59247
1.100	-3.968	1.07806	1.11416	1.01695	.95430	.60341	1.07209	1.10459	1.02811	.98220		.59851
1.100	-2.977	1.08912	1.12664	1.02607	.96374	.60818	1.08291	1.11601	1.03681	.99281		.60299
1.100	-1.970	1.09735	1.13637	1.03273	.96613	.61159	1.09081	1.12399	1.04275	.99988		.60610
1.100	-.971	1.10250	1.14330	1.03747	.96583	.61296	1.09541	1.12910	1.04632	1.00205		.60743
1.100	.041	1.10391	1.14695	1.03928	.96477	.61189	1.09756	1.13235	1.04896	1.00252		.60935
1.100	1.007	1.10181	1.14675	1.03945	.96241	.60969	1.09829	1.13360	1.05030	1.00146		.61133
1.100	2.014	1.09715	1.14478	1.03911	.95973	.60694	1.09372	1.12957	1.04712	.99676		.60969
GRADIENT		.00474	.00651	.00458	.00145	.00124	.00506	.00563	.00426	.00368		.00245

		BETA =		.000 PHI =		180.000					
		GRADIENT INTERVAL = -5.00/		5.00							
		RN/L = 2.50									
		GRADIENT INTERVAL = -5.00/		5.00							
		RN/L = 2.50									
MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CPC4
1.250	-7.999	1.07703	1.11365	1.03377	.99108	.64148	1.06963	1.10423	1.04207	.97412	.62980
1.250	-6.974	1.10001	1.13763	1.05129	1.00208	.65101	1.09094	1.12654	1.05834	1.00138	.63877
1.250	-5.971	1.11919	1.15770	1.06467	1.00960	.65845	1.11024	1.14595	1.07240	1.02118	.64634
1.250	-4.969	1.13505	1.17452	1.07644	1.01595	.66535	1.12526	1.16136	1.08421	1.03816	.65358
1.250	-3.973	1.14734	1.18823	1.08613	1.02182	.66947	1.13778	1.17422	1.09397	1.04872	.65898
1.250	-2.972	1.15785	1.20040	1.09397	1.02990	.67380	1.14825	1.18525	1.10227	1.05795	.66300
1.250	-1.970	1.16666	1.21089	1.10196	1.03252	.67761	1.15674	1.19398	1.10903	1.06468	.66645
1.250	-.960	1.17259	1.21899	1.10786	1.03329	.67984	1.16199	1.20047	1.11378	1.06819	.66898
1.250	.118	1.17164	1.21990	1.10728	1.02967	.67609	1.16490	1.20469	1.11764	1.06959	.67283
1.250	.996	1.16846	1.21914	1.10557	1.02524	.67110	1.16815	1.20779	1.12096	1.07068	.67759
1.250	2.008	1.16383	1.21678	1.10537	1.02243	.66884	1.16316	1.20342	1.11758	1.06584	.67595
GRADIENT		.00424	.00617	.00413	.00076	.00051	.00564	.00629	.00500	.00408	.00336

		BETA =		.000 PHI =		180.000					
		GRADIENT INTERVAL = -5.00/		5.00							
		RN/L = 2.50									
		GRADIENT INTERVAL = -5.00/		5.00							
		RN/L = 2.50									
MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CPC4
1.400	-7.997	1.10099	1.15229	1.06039	1.01490	.66071	1.09094	1.13798	1.06846	1.00490	.64927
1.400	-6.974	1.12127	1.17459	1.07563	1.02399	.66874	1.11052	1.15988	1.08464	1.02929	.65757
1.400	-5.972	1.13963	1.19467	1.08959	1.02920	.67616	1.12862	1.17928	1.09844	1.04991	.66493
1.400	-4.974	1.15385	1.21157	1.10089	1.03499	.68104	1.14345	1.19539	1.11041	1.06552	.67107
1.400	-3.973	1.16751	1.22694	1.11168	1.04308	.68642	1.15571	1.20911	1.12052	1.07626	.67568
1.400	-2.972	1.17775	1.23818	1.11731	1.04927	.69014	1.16633	1.22010	1.12859	1.08484	.67960
1.400	-1.972	1.18527	1.24875	1.12553	1.05004	.69300	1.17441	1.22882	1.13502	1.09041	.68277
1.400	-.966	1.19130	1.25777	1.13213	1.05103	.69435	1.18018	1.23564	1.13973	1.09408	.68415
1.399	.111	1.19081	1.25949	1.13217	1.04777	.69084	1.18351	1.24045	1.14397	1.09512	.68740
1.400	.998	1.18760	1.25816	1.12998	1.04236	.68629	1.18585	1.24413	1.14856	1.09760	.69287
1.400	2.020	1.18288	1.25549	1.13025	1.03942	.68464	1.18048	1.23909	1.14497	1.09273	.69134
GRADIENT		.00416	.00640	.00415	.00029	.00034	.00557	.00654	.00515	.00395	.00300

PARAMETRIC DATA

$$\text{BETA} = .000 \quad \text{PHI} = 180.000$$

RUN NO	1705/ 0	RN/L =	2.50	GRADIENT INTERVAL =	-5.00/ 5.00
--------	---------	--------	------	---------------------	-------------

ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
-7.994	1.08936	1.15607	1.05947	1.01406	.66003	1.07530	1.13651	1.06462	1.00632	.64286
-6.971	1.10760	1.17700	1.07312	1.02149	.66557	1.09300	1.15809	1.08051	1.02888	.65074
-5.968	1.12397	1.19519	1.08519	1.02448	.67322	1.10887	1.17506	1.09234	1.04742	.65622
-4.971	1.13925	1.21464	1.09859	1.03176	.67890	1.12419	1.19221	1.10527	1.06213	.66335
-3.968	1.15263	1.22981	1.10892	1.03965	.68334	1.13664	1.20768	1.11675	1.07350	.66881
-2.965	1.16090	1.24060	1.11381	1.04410	.68659	1.14536	1.21946	1.12569	1.08157	.67247
-1.961	1.16818	1.25216	1.12257	1.04544	.68895	1.15265	1.22808	1.13126	1.08691	.67481
-.944	1.17763	1.26380	1.13098	1.04753	.69169	1.16079	1.23883	1.13814	1.09254	.67763
-.941	1.16777	1.25846	1.12318	1.03799	.68223	1.16626	1.24345	1.14394	1.09681	.68633
-.974	1.16917	1.26251	1.12613	1.03574	.67952	1.17100	1.24904	1.14865	1.09789	.68976
2.001	1.16305	1.25799	1.12594	1.03238	.67767	1.16353	1.24264	1.14463	1.09233	.68809
RADIANT	.00338	.00641	.00379	-.00036	-.00044	.00622	.00772	.00597	.00462	.00386

IA310 (AEDC 16TF-783) REPEAT RUNS

(SCM069) (03 OCT 91)

PARAMETRIC DATA

RUN NO. 1686/ O		RN/L = 2.50		GRADIENT INTERVAL = -5.00/ 5.00		BETA =		.000 PHI = 180.000			
MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.520	-7.997	.96604	1.13810	1.03830	.99279	.64699	.95025	1.12087	1.04821	.99742	.63420
1.520	-6.969	.95225	1.15964	1.05192	1.00131	.65423	.93498	1.14121	1.06251	1.01778	.64121
1.520	-5.968	.93482	1.17871	1.06292	1.00354	.66030	.91781	1.15938	1.07589	1.03934	.64777
1.520	-4.966	.91872	1.19610	1.07423	1.00984	.66582	.90210	1.17669	1.08804	1.05180	.65408
1.520	-3.970	.89325	1.21181	1.08046	1.01755	.67054	.87552	1.19010	1.09747	1.05848	.65812
1.520	-2.967	.86056	1.22408	1.08729	1.01754	.67363	.84373	1.20174	1.10445	1.06552	.66127
1.520	-1.965	.84025	1.23563	1.09420	1.01929	.67546	.82611	1.21232	1.10941	1.07025	.66354
1.520	-.952	.88247	1.25072	1.10157	1.02100	.67712	.87285	1.22054	1.11397	1.07235	.66527
1.520	.163	1.04623	1.24173	1.10932	1.01792	.67022	1.04370	1.18092	1.12735	1.07615	.67491
1.520	.984	1.04707	1.22638	1.10816	1.01478	.66801	1.05044	1.19405	1.13091	1.07670	.67544
1.520	2.000	.85053	1.24518	1.09959	1.00842	.66651	.85952	1.22872	1.12222	1.07316	.67401
GRADIENT		.01090	.00581	.00467	-.00023	-.00019	.01485	.00386	.00574	.00329	.00321

RUN NO. 1679/ O		RN/L = 2.49		GRADIENT INTERVAL = -5.00/ 5.00		BETA =		.000 PHI = 180.000			
MACH	ALPHA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.545	-7.992	.76982	1.13138	1.02999	.98844	.64331	.75504	1.11034	1.03793	.99098	.63249
1.542	-6.974	.75664	1.15384	1.04244	.99027	.64823	.74081	1.13226	1.05299	1.01133	.63879
1.543	-5.972	.75114	1.17574	1.05134	.99772	.65413	.74065	1.15448	1.06776	1.02657	.64412
1.543	-4.971	.75616	1.19879	1.05939	1.00210	.65895	.75064	1.17959	1.08073	1.04183	.64918
1.543	-3.969	.77969	1.22493	1.07088	1.00653	.66368	.77176	1.20770	1.09204	1.05413	.65354
1.542	-2.968	.85656	1.27378	1.08834	1.01470	.66682	.84830	1.23923	1.10498	1.06431	.65551
1.542	-1.960	.90820	1.28275	1.10044	1.01669	.66917	.90146	1.25758	1.11502	1.06741	.65835
1.543	-.952	.94023	1.25380	1.10927	1.01907	.67171	.93087	1.13308	1.11651	1.06540	.66065
1.543	.164	.95802	1.20045	1.11233	1.01560	.66627	.95166	1.11724	1.12125	1.06650	.66811
1.543	.983	.95983	1.17230	1.10702	1.00857	.66413	.96408	1.13669	1.13011	1.07247	.66923
1.543	1.994	.95255	1.19179	1.10903	1.00662	.66307	.95648	1.15343	1.13040	1.07172	.66819
GRADIENT		.03125	-.00665	.00730	.00059	.00039	.03278	-.01141	.00701	.00364	.00301

IA310 (AEDC 16TF-783) TABULATED DATA
IA310 (AEDC 16TF-783) REPEAT RUNS

(SCM070) (03 OCT 91)

PARAMETRIC DATA

ALPHA = -4.000 PHI = 180.000

RUN NO. 1674/ 0		RN/L = 2.50		GRADIENT INTERVAL = -5.00/ 5.00		CPL		CPC10		CPC11		CPC12		CPO4	
MACH	BETA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CPO4				
.601	-3.798	.71346	.74554	.63178	.56338	.18146	.87129	.90281	.83196	.78048	.39164				
.601	-2.772	.73692	.77056	.66007	.59524	.20955	.85155	.88412	.81031	.75963	.36306				
.601	-1.749	.76244	.79775	.69039	.62448	.24025	.83382	.86717	.79036	.74035	.33594				
.601	-1.732	.78394	.82082	.71639	.65005	.26853	.81278	.84623	.76641	.71691	.30666				
.601	-2.90	.83360	.83360	.73026	.66325	.28228	.80355	.83736	.75665	.70736	.29510				
.600	.738	.81687	.85473	.75493	.68921	.31051	.78073	.81491	.73192	.68335	.26514				
.600	1.758	.83694	.87456	.77828	.71465	.33886	.75690	.79077	.70540	.65782	.23431				
.600	2.783	.85621	.89283	.80081	.73955	.36789	.73180	.76573	.67847	.63251	.20520				
.600	3.824	.87497	.91125	.82260	.76280	.39602	.70664	.74038	.65078	.60669	.17444				
	GRADIENT	.02128	.02183	.02512	.02568	.02825	-.02165	-.02139	-.02383	-.02293	-.02854				

RUN NO. 1750/ 0		RN/L = 2.51		GRADIENT INTERVAL = -5.00/ 5.00		CPL		CPC10		CPC11		CPC12		CPO4	
MACH	BETA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CPO4				
.799	-3.857	.79373	.82554	.70968	.64315	.24158	.94828	.97984	.90764	.85538	.45656				
.800	-2.832	.81662	.85101	.73831	.67039	.27054	.92911	.96255	.88739	.83485	.42785				
.800	-1.818	.83866	.87415	.76497	.69664	.29966	.90949	.94322	.86529	.81291	.39936				
.800	-1.810	.86046	.89732	.79085	.72279	.32829	.89048	.92473	.84374	.79199	.37107				
.800	-2.12	.87633	.91385	.80870	.74055	.34640	.87955	.91449	.83149	.78070	.35590				
.800	.826	.89542	.93409	.83231	.76638	.37583	.85697	.89143	.80608	.75673	.32547				
.800	1.837	.91457	.95366	.85518	.79119	.40431	.83511	.86867	.78141	.73402	.29593				
.800	2.848	.93343	.97219	.87776	.81550	.43295	.81227	.84536	.75654	.71078	.26625				
.800	3.869	.95140	.98952	.89881	.83718	.46068	.78928	.82145	.73072	.68719	.23642				
	GRADIENT	.02050	.02133	.02453	.02536	.02848	-.02056	-.02054	-.02296	-.02177	-.02845				

RUN NO. 1663/ 0		RN/L = 2.50		GRADIENT INTERVAL = -5.00/ 5.00		CPL		CPC10		CPC11		CPC12		CPO4	
MACH	BETA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CPO4				
.899	-3.844	.85525	.88724	.77155	.70550	.31142	1.00297	1.03446	.96341	.91206	.51893				
.900	-2.815	.87729	.91154	.79888	.73218	.34035	.98433	1.01742	.94327	.89215	.49206				
.900	-1.803	.89811	.93427	.82512	.68851	.36851	.96560	.99968	.92256	.87180	.46481				
.900	-1.791	.91958	.95663	.85033	.78293	.39607	.94749	.98155	.90151	.85140	.43767				
.900	-2.27	.93272	.97067	.86586	.79862	.41288	.93567	.97021	.88873	.83955	.42232				
.900	.813	.95157	.99022	.88844	.82334	.44053	.91463	.94835	.86476	.81703	.39291				
.900	1.818	.96960	1.00875	.91036	.84731	.46794	.89369	.92671	.84136	.79539	.36462				
.900	2.839	.98871	1.02790	.93269	.87158	.49655	.87235	.90458	.81731	.77352	.33592				
.900	3.865	1.00560	1.04401	.95282	.89232	.52328	.84972	.88112	.79163	.75089	.30746				
	GRADIENT	.01959	.02043	.02355	.02443	.02752	-.01988	-.01998	-.02232	-.02097	-.02753				

IA310 (AEDC 16TF-783) REPEAT RUNS

(SCM070) (03 OCT 91)

PARAMETRIC DATA

ALPHA = -4.000 PHI = 180.000

RUN NO. 1742/ O		RN/L = 2.51		GRADIENT INTERVAL = -5.00/ 5.00			
MACH	BETA	CPR	CPC7	CPC8	CPC9	CPC3	CPL
1.100	-3.945	1.00303	1.03328	.92479	.86171	.50429	1.14002
1.100	-2.928	1.02350	1.05573	.94970	.88621	.53000	1.12410
1.099	-1.929	1.04079	1.07489	.97183	.90797	.55335	1.10609
1.100	- .941	1.05996	1.09478	.99485	.93110	.57856	1.08992
1.100	.084	1.07631	1.11233	1.01453	.95151	.60009	1.07382
1.100	.958	1.09388	1.13062	1.03567	.97440	.62533	1.05487
1.100	1.961	1.11105	1.14780	1.05577	.99674	.65021	1.03662
1.100	2.955	1.12733	1.16437	1.07519	1.01745	.67499	1.01763
1.100	3.979	1.14394	1.18032	1.09480	1.03739	.70030	.99823
GRADIENT		.01778	.01856	.02143	.02231	.02473	-.01797
							-.01812

CPC10	CPC11	CPC12	CPO4
1.17036	1.10397	1.05555	.69592
1.15541	1.08620	1.03799	.67175
1.13827	1.06646	1.01846	.64657
1.12240	1.04804	1.00092	.62339
1.10652	1.03034	.98474	.60209
1.08661	1.00847	.96450	.57551
1.06744	.98759	.94532	.55047
1.04789	.96642	.92615	.52618
1.02796	.94420	.90697	.50136
-.01797	-.02026	-.01885	-.02465

RUN NO. 1726/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

RUN NO. 1726/ O		RN/L = 2.50		GRADIENT INTERVAL = -5.00/ 5.00			
MACH	BETA	CPR	CPC7	CPC8	CPC9	CPC3	CPL
1.250	-3.880	1.07066	1.10613	.99220	.92787	.57040	1.20887
1.250	-2.850	1.09059	1.12761	1.01730	.95197	.59554	1.19107
1.250	-1.844	1.10984	1.14823	1.04099	.97554	.62039	1.17330
1.250	-.837	1.12877	1.16830	1.06360	.99860	.64539	1.15576
1.250	-.177	1.14286	1.18359	1.08042	1.01523	.66101	1.14346
1.250	.878	1.16082	1.20249	1.10219	1.03892	.68588	1.12390
1.250	1.874	1.17776	1.21941	1.12257	1.06077	.70991	1.10509
1.249	2.908	1.19631	1.23729	1.14377	1.08336	.73585	1.08574
1.249	3.911	1.21194	1.25157	1.16170	1.10168	.75909	1.06545
GRADIENT		.01822	.01886	.02185	.02256	.02423	-.01837
							-.01840

CPC10	CPC11	CPC12	CPO4
1.24197	1.17134	1.12114	.75525
1.22585	1.15300	1.10293	.73088
1.20909	1.13384	1.08475	.70708
1.19178	1.11429	1.06671	.68291
1.17986	1.10026	1.05457	.66726
1.16017	1.07852	1.03469	.64171
1.14042	1.05695	1.01495	.61715
1.12003	1.03509	.99513	.59240
1.09880	1.01233	.97489	.56729
-.01840	-.02048	-.01876	-.02411

RUN NO. 1718/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

RUN NO. 1718/ O		RN/L = 2.49		GRADIENT INTERVAL = -5.00/ 5.00			
MACH	BETA	CPR	CPC7	CPC8	CPC9	CPC3	CPL
1.400	-3.892	1.08476	1.13839	1.00979	.94357	.58673	1.23649
1.400	-2.866	1.10537	1.16142	1.03511	.96860	.61140	1.21671
1.400	-1.858	1.12651	1.18390	1.06145	.99404	.63651	1.19680
1.400	-.851	1.14705	1.20555	1.08712	1.01869	.66145	1.17665
1.400	-.163	1.16401	1.22252	1.10586	1.03641	.67799	1.16216
1.400	.886	1.18444	1.24281	1.12940	1.06078	.70376	1.14117
1.400	1.894	1.20374	1.26182	1.15145	1.08482	.72868	1.12079
1.399	2.898	1.22411	1.28101	1.17435	1.10813	.75467	1.10050
1.400	3.926	1.24474	1.29906	1.19558	1.12989	.77976	1.08021
GRADIENT		.02054	.02065	.02391	.02399	.02472	-.02009
							-.01979

CPC10	CPC11	CPC12	CPO4
1.28414	1.20537	1.15352	.77660
1.26652	1.18547	1.13459	.75161
1.24773	1.16409	1.11538	.72608
1.22919	1.14292	1.09643	.70140
1.21531	1.12776	1.08331	.68407
1.19392	1.10465	1.06177	.65803
1.17265	1.08220	1.04103	.63251
1.15210	1.05972	1.02173	.60776
1.13030	1.03575	1.00233	.58223
-.01979	-.02176	-.01949	-.02490

IA310 (AEDC 16TF-783) REPEAT RUNS

(SCM070) (03 OCT 91)

PARAMETRIC DATA

ALPHA = -4.000 PHI = 180.000

RUN NO. 1708/ 0		RN/L = 2.50		GRADIENT INTERVAL = -5.00/ 5.00		CPL		CPC10		CPC11		CPC12		CPO4	
MACH	BETA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4				
1.450	-3.810	1.06333	1.13542	.99950	.93771	.58191	1.22055	1.28249	1.20181	1.15167	.77129				
1.450	-2.773	1.08691	1.16118	1.02962	.96414	.60824	1.20031	1.26615	1.18209	1.13344	.74578				
1.450	-1.757	1.10863	1.18480	1.05679	.98841	.63291	1.17925	1.24727	1.16035	1.11325	.71942				
1.450	-1.740	1.13078	1.20834	1.08403	1.01455	.65846	1.15822	1.22791	1.13931	1.09396	.69429				
1.450	-.276	1.13968	1.21556	1.09528	1.02688	.67226	1.14445	1.21452	1.12514	1.08161	.67985				
1.450	.759	1.16074	1.23588	1.11959	1.05166	.69710	1.12249	1.19353	1.10275	1.06157	.65462				
1.450	1.776	1.18115	1.25483	1.14175	1.07530	.72150	1.09993	1.17109	1.07827	1.03961	.62914				
1.449	2.820	1.20296	1.27406	1.16402	1.09855	.74792	1.07738	1.14646	1.05273	1.01607	.60325				
1.450	3.841	1.22393	1.29378	1.18667	1.12165	.77443	1.05711	1.12442	1.03024	.99817	.58037				
GRADIENT		.02084	.02037	.02424	.02411	.02510	-.02172	-.02104	-.02277	-.02046	-.02520				

RUN NO. 1701/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

RUN NO. 1701/ 0		RN/L = 2.50		GRADIENT INTERVAL = -5.00/ 5.00		CPL		CPC10		CPC11		CPC12		CPO4	
MACH	BETA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4				
1.469	-3.822	1.04399	1.13553	.99572	.93309	.58086	1.20445	1.28205	1.19874	1.14969	.76658				
1.469	-2.791	1.06422	1.15894	1.02370	.95851	.60536	1.18068	1.26335	1.17770	1.13039	.74072				
1.470	-1.772	1.08553	1.18136	1.05057	.98347	.62996	1.15729	1.24338	1.15658	1.11097	.71506				
1.470	-.761	1.10723	1.20357	1.07655	1.00777	.65331	1.13501	1.22372	1.13468	1.09146	.68960				
1.470	-.253	1.11579	1.21528	1.08939	1.02037	.66782	1.11662	1.21042	1.12070	1.07857	.67686				
1.470	.800	1.13767	1.23663	1.11503	1.04627	.69419	1.09423	1.18835	1.09638	1.05716	.65082				
1.470	1.821	1.15872	1.25616	1.13872	1.07121	.71982	1.07123	1.16545	1.07181	1.03507	.62521				
1.469	2.820	1.18179	1.27547	1.16147	1.09483	.74572	1.04910	1.14254	1.04809	1.01300	.60022				
1.470	3.850	1.20529	1.29456	1.18400	1.11780	.77237	1.02828	1.12053	1.02460	.99310	.57554				
GRADIENT		.02089	.02075	.02453	.02419	.02501	-.02328	-.02131	-.02297	-.02069	-.02495				

RUN NO. 1694/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

RUN NO. 1694/ 0		RN/L = 2.50		GRADIENT INTERVAL = -5.00/ 5.00		CPL		CPC10		CPC11		CPC12		CPO4	
MACH	BETA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4				
1.495	-3.837	1.00284	1.12407	.98478	.92337	.57534	1.16887	1.27179	1.18937	1.14042	.75978				
1.495	-2.802	1.01903	1.14739	1.01179	.94796	.59936	1.14030	1.25333	1.16736	1.12117	.73405				
1.495	-1.786	1.03928	1.17158	1.03961	.97365	.62481	1.11387	1.23400	1.14573	1.10229	.70914				
1.495	-.778	1.05929	1.19377	1.06580	.99827	.64909	1.08809	1.21339	1.12313	1.08190	.68431				
1.495	-.240	1.06688	1.20369	1.07664	1.00970	.66134	1.06989	1.19954	1.10956	1.06863	.67284				
1.495	.799	1.09208	1.22431	1.10242	1.03479	.68697	1.04938	1.17786	1.08618	1.04750	.64709				
1.495	1.817	1.11570	1.24467	1.12651	1.05937	.71321	1.02742	1.15694	1.06315	1.02785	.62231				
1.495	2.838	1.14181	1.26491	1.14940	1.08319	.73946	1.00692	1.13365	1.03849	1.00599	.59734				
1.494	3.869	1.16751	1.28367	1.17215	1.10652	.76563	.98736	1.11020	1.01387	.98506	.57291				
GRADIENT		.02149	.02065	.02428	.02382	.02471	-.02362	-.02113	-.02283	-.02034	-.02422				

IA310 (AEDC 16TF-783) REPEAT RUNS

(SCM070) (03 OCT 91)

PARAMETRIC DATA

ALPHA = -4.000 PHI = 180.000

RUN NO. 1689/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CPR	CPC7	CPC8	CPC9	CP03	CPL	CPC10	CPC11	CPC12	CP04
1.521	-3.833	.86451	1.12438	.97832	.92067	.57337	1.04919	1.26871	1.18528	1.13807	.75841
1.521	-2.804	.86729	1.14758	1.00487	.94525	.59741	1.00292	1.24963	1.16349	1.11933	.73298
1.521	-1.786	.87281	1.16990	1.03081	.96970	.62171	.96040	1.23019	1.14164	1.09981	.70821
1.520	-.775	.88102	1.19135	1.05586	.99358	.64639	.91795	1.21047	1.12016	1.07915	.68359
1.520	-.241	.84419	1.20222	1.06698	1.00475	.66087	.84690	1.19685	1.10488	1.06521	.66970
1.520	.809	.87243	1.22198	1.09391	1.03206	.68727	.82287	1.17581	1.08098	1.04384	.64341
1.520	1.827	.90679	1.24105	1.11993	1.05702	.71333	.80162	1.15385	1.05671	1.02253	.61793
1.520	2.854	.95334	1.25942	1.14405	1.07966	.73968	.79505	1.13086	1.03211	1.00095	.59291
1.520	3.870	.99558	1.27932	1.16679	1.10265	.76610	.78559	1.10836	1.00887	.98192	.56916
	GRADIENT	.01525	.01993	.02453	.02375	.02512	-.03653	-.02094	-.02312	-.02065	-.02470

RUN NO. 1682/ O RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CPR	CPC7	CPC8	CPC9	CP03	CPL	CPC10	CPC11	CPC12	CP04
1.543	-3.836	.66376	1.13539	.96274	.90685	.56824	.85312	1.25961	1.17722	1.13227	.75461
1.543	-2.801	.69094	1.15965	.99080	.93226	.59081	.82850	1.24409	1.15643	1.11229	.72915
1.543	-1.788	.72032	1.18281	1.01851	.95766	.61374	.80796	1.23063	1.13535	1.09298	.70357
1.544	-.776	.75026	1.20485	1.04583	.98317	.63869	.79055	1.21910	1.11469	1.07437	.67900
1.543	-.240	.78720	1.22199	1.06256	.99711	.65332	.79329	1.22349	1.10631	1.06693	.66218
1.543	.797	.80439	1.23453	1.08652	1.02181	.68005	.76901	1.20379	1.08301	1.04579	.63757
1.544	1.818	.81892	1.24721	1.10936	1.04525	.70552	.73848	1.18089	1.05882	1.02379	.61321
1.543	2.831	.83559	1.26175	1.13423	1.07044	.73219	.70767	1.15407	1.03425	1.00240	.58909
1.544	3.870	.85760	1.27764	1.15889	1.09617	.75880	.67819	1.12598	1.00898	.98104	.56485
	GRADIENT	.02568	.01824	.02541	.02452	.02497	-.02177	-.01640	-.02170	-.01952	-.02478

(SCM071) (03 OCT 91)

IA310 (AEDC 16TF-783) REPEAT RUNS

PARAMETRIC DATA

ALPHA = .000 PHI = 180.000

RUN NO. 1675/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
.601	-3.993	.75013	.78428	.65448	.57809	.18960	.91007	.94408	.86458	.81500	.41178
.600	-2.974	.77508	.81450	.68554	.60849	.21865	.89157	.92725	.84381	.79508	.38328
.601	-1.969	.79711	.83759	.71283	.63565	.24757	.87079	.90671	.82088	.77228	.35532
.601	-.950	.81858	.85945	.73969	.66142	.27579	.84961	.88434	.79631	.74767	.32442
.600	-.173	.83506	.87710	.76103	.68220	.29948	.83686	.87128	.78115	.73138	.30602
.601	.831	.85480	.89764	.78692	.70700	.32553	.81542	.84780	.75614	.70438	.27611
.601	1.996	.87675	.92028	.81494	.73788	.35851	.78923	.81873	.72552	.67724	.24309
.600	3.003	.89660	.93981	.83877	.76325	.38609	.76613	.79568	.69989	.65343	.21485
.601	4.011	.91549	.95750	.86118	.78674	.41455	.74187	.76882	.67214	.62713	.18551
GRADIENT		.02046	.02131	.02576	.02596	.02805	-.02091	-.02196	-.02403	-.02364	-.02822

RUN NO. 1751/ 0 RN/L = 2.51 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
.799	-3.996	.82760	.86280	.73192	.65296	.24944	.98048	1.01774	.93699	.88586	.47401
.800	-2.975	.85058	.89003	.76154	.68184	.27971	.96164	.99914	.91546	.86433	.44526
.800	-1.973	.87229	.91406	.78849	.70899	.30824	.94359	.98065	.89450	.84312	.41708
.800	-.960	.89300	.93609	.81516	.73549	.33767	.92490	.96134	.87233	.82107	.38852
.800	.100	.91428	.95950	.84321	.76290	.36817	.90385	.94012	.84854	.79721	.35861
.800	.982	.92948	.97488	.86416	.78523	.39272	.88675	.92130	.82742	.77766	.33288
.800	2.008	.94900	.99501	.88889	.81207	.42230	.86467	.89767	.80233	.75338	.30312
.800	3.009	.96813	1.01295	.91159	.83586	.45001	.84231	.87231	.77724	.72888	.27408
.800	4.014	.98645	1.03044	.93323	.85859	.47767	.82003	.84690	.75084	.70253	.24513
GRADIENT		.01967	.02071	.02514	.02572	.02850	-.01996	-.02119	-.02318	-.02275	-.02859

RUN NO. 1664/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
.900	-3.998	.88630	.92307	.79217	.71443	.31891	1.03336	1.07015	.99132	.94115	.53678
.900	-2.967	.90826	.94916	.82104	.74257	.34813	1.01508	1.05219	.97022	.92041	.50821
.900	-1.967	.92817	.97035	.84607	.76749	.37514	.99639	1.03346	.94889	.89937	.48032
.900	-.957	.94792	.99142	.87169	.79277	.40321	.97832	1.01483	.92735	.87765	.45260
.900	-.141	.96263	1.00758	.89127	.81241	.42564	.96250	.99879	.90914	.86005	.43038
.900	.859	.98254	1.02903	.91711	.83732	.45296	.94406	.97833	.88717	.83760	.40382
.899	2.010	1.00181	1.04912	.94290	.86604	.48321	.92023	.95105	.85844	.81100	.37074
.900	3.016	1.01990	1.06683	.96507	.88938	.51092	.89975	.92963	.83481	.78777	.34404
.900	4.020	1.03854	1.08462	.98722	.91250	.53923	.87869	.90563	.80994	.76588	.31660
GRADIENT		.01882	.01996	.02427	.02466	.02735	-.01926	-.02054	-.02264	-.02201	-.02745

IA310 (AEDC 16TF-783) REPEAT RUNS

(SCM071) (03 OCT 91)

PARAMETRIC DATA

ALPHA = .000 PHI = 180.000

RUN NO. 1743/ 0 RN/L = 2.51 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.100	-3.997	1.03116	1.06562	.94501	.87081	.51216	1.16350	1.19916	1.12580	1.07860	.70766
1.100	-2.974	1.05177	1.09024	.97160	.89695	.53850	1.14764	1.18338	1.10722	1.06018	.68221
1.100	-1.972	1.07036	1.10978	.99515	.92028	.56333	1.13157	1.16722	1.08866	1.04159	.65802
1.100	-.972	1.08811	1.12960	1.01822	.94355	.58863	1.11605	1.15093	1.06949	1.02235	.63369
1.100	.014	1.10447	1.14729	1.03926	.96480	.61231	1.09806	1.13244	1.04868	1.00212	.60844
1.100	1.022	1.12055	1.16427	1.06113	.98803	.63728	1.08113	1.11388	1.02872	.98294	.58425
1.100	2.022	1.13704	1.18140	1.08250	1.01090	.66212	1.06268	1.09198	1.00699	.96180	.55906
1.100	3.027	1.15395	1.19801	1.10325	1.03252	.68691	1.04386	1.07154	.98558	.94079	.53443
1.100	4.021	1.16925	1.21217	1.12133	1.05190	.71056	1.02357	1.04926	.96136	.91665	.50950
	GRADIENT	.01706	.01811	.02194	.02259	.02473	-.01738	-.01869	-.02043	-.02006	-.02470

RUN NO. 1727/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.250	-3.998	1.09739	1.13816	1.01228	.93625	.57795	1.23293	1.27296	1.19561	1.14756	.76908
1.250	-2.968	1.11748	1.16083	1.03724	.96073	.60307	1.21566	1.25596	1.17575	1.12766	.74306
1.250	-1.968	1.13663	1.18152	1.06129	.98436	.62791	1.20027	1.24034	1.15744	1.10873	.72011
1.250	-.964	1.15408	1.20113	1.08388	1.00675	.65165	1.18261	1.22147	1.13617	1.08780	.69520
1.250	.099	1.17309	1.22130	1.10893	1.03154	.67861	1.16332	1.20218	1.11505	1.06719	.66974
1.250	1.046	1.18829	1.23628	1.12893	1.05299	.70019	1.14681	1.18462	1.09562	1.04957	.64766
1.250	2.021	1.20530	1.25328	1.15022	1.07558	.72357	1.12880	1.16396	1.07453	1.02881	.62335
1.250	3.018	1.22261	1.26973	1.17026	1.09665	.74711	1.10965	1.14228	1.05226	1.00761	.59892
1.250	4.018	1.23924	1.28635	1.19086	1.11791	.77129	1.08998	1.12011	1.02960	.98559	.57494
	GRADIENT	.01757	.01831	.02227	.02272	.02409	-.01780	-.01902	-.02067	-.02010	-.02416

RUN NO. 1719/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CPR	CPC7	CPC8	CPC9	CPO3	CPL	CPC10	CPC11	CPC12	CPO4
1.400	-4.003	1.11105	1.17215	1.02990	.94915	.59256	1.26106	1.31573	1.22913	1.17961	.78951
1.400	-2.974	1.13212	1.19668	1.05774	.97595	.61802	1.24025	1.29705	1.20860	1.15924	.76325
1.400	-1.969	1.15177	1.21681	1.08253	1.00010	.64166	1.22134	1.27968	1.18837	1.13800	.73794
1.400	-.964	1.17280	1.23937	1.10746	1.02456	.66665	1.20376	1.26069	1.16650	1.11736	.71249
1.400	.092	1.19212	1.26119	1.13410	1.04981	.69367	1.18175	1.23839	1.14199	1.09369	.68536
1.400	1.046	1.21010	1.27826	1.15610	1.07222	.71672	1.16271	1.21919	1.12177	1.07563	.66249
1.400	2.020	1.22863	1.29586	1.17951	1.09688	.74098	1.14329	1.19704	1.09909	1.05351	.63759
1.400	3.018	1.24955	1.31510	1.20218	1.12151	.76658	1.12402	1.17340	1.07679	1.03239	.61324
1.400	4.023	1.26880	1.33339	1.22453	1.14475	.79222	1.10320	1.15106	1.05327	1.01043	.58918
	GRADIENT	.01955	.01994	.02422	.02431	.02485	-.01960	-.02058	-.02201	-.02111	-.02501

IA310 (AEDC 16TF-783) REPEAT RUNS

(SCM071) (03 OCT 91)

PARAMETRIC DATA

ALPHA = .000 PHI = 180.000

RUN NO. 1709/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CPO4
1.450	-3.994	1.08985	1.17253	1.02346	.94220	.58586	1.24870	1.31852	1.22915	1.18012	.78786
1.450	-2.963	1.11096	1.19758	1.05238	.96933	.61192	1.22474	1.29914	1.20922	1.16015	.76082
1.450	-1.954	1.13100	1.21763	1.07688	.99336	.63644	1.20364	1.28353	1.18787	1.13787	.73483
1.450	-.942	1.15396	1.24145	1.10203	1.01776	.66189	1.18609	1.26259	1.16307	1.11483	.70894
1.449	-.165	1.16816	1.25912	1.12370	1.03845	.68240	1.16644	1.24347	1.14405	1.09686	.68637
1.450	.966	1.19461	1.28303	1.15160	1.06384	.71158	1.14442	1.21920	1.11776	1.07099	.65783
1.451	2.005	1.21332	1.30501	1.18137	1.09310	.73897	1.12087	1.19389	1.09392	1.04924	.63313
1.450	3.013	1.23287	1.31866	1.20285	1.11881	.76360	1.09960	1.17153	1.06862	1.02566	.60782
1.450	4.015	1.25610	1.33711	1.22394	1.14220	.79012	1.07823	1.14788	1.04317	1.00356	.58266
GRADIENT		.02067	.02069	.02528	.02499	.02554	-.02115	-.02155	-.02340	-.02226	-.02565

RUN NO. 1702/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CPO4
1.470	-3.992	1.06572	1.17017	1.02053	.93878	.58380	1.22521	1.31282	1.22193	1.17286	.78021
1.470	-2.968	1.08454	1.19419	1.04800	.96509	.60829	1.20053	1.29253	1.19864	1.14994	.75378
1.470	-1.960	1.10206	1.21577	1.07359	.99001	.63259	1.17564	1.27218	1.17679	1.12872	.72882
1.470	-.946	1.12125	1.23537	1.09720	1.01360	.65794	1.15200	1.25166	1.15400	1.10673	.70305
1.470	-.153	1.13729	1.24986	1.11545	1.03117	.67883	1.13470	1.23694	1.13778	1.09141	.68288
1.470	.969	1.16056	1.27280	1.14250	1.05548	.70649	1.11062	1.21323	1.11368	1.06864	.65472
1.470	2.006	1.18501	1.29341	1.16893	1.08200	.73295	1.09225	1.19154	1.09045	1.04705	.62977
1.470	3.013	1.20938	1.31288	1.19227	1.10692	.75719	1.07392	1.16826	1.06557	1.02338	.60494
1.470	4.015	1.23341	1.33196	1.21611	1.13267	.78296	1.05367	1.14500	1.04093	1.00026	.58002
GRADIENT		.02092	.01999	.02426	.02386	.02495	-.02129	-.02080	-.02234	-.02126	-.02497

RUN NO. 1695/ O RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CPR	CPC7	CPC8	CPC9	CPC3	CPL	CPC10	CPC11	CPC12	CPO4
1.494	-3.993	1.01482	1.16119	1.01003	.92886	.57894	1.18363	1.30479	1.21328	1.16476	.77486
1.495	-2.965	1.02914	1.18583	1.03687	.95497	.60324	1.15159	1.28404	1.19092	1.14312	.74887
1.495	-1.964	1.04312	1.20645	1.06144	.97918	.62700	1.12253	1.26386	1.16844	1.12170	.72314
1.495	-.951	1.06098	1.22714	1.08615	1.00361	.65268	1.09563	1.24436	1.14561	1.10038	.69765
1.495	-.146	1.07779	1.24311	1.10547	1.02169	.67304	1.07583	1.22975	1.12907	1.08421	.68016
1.495	.974	1.10653	1.26675	1.13438	1.04812	.70158	1.05231	1.20526	1.10445	1.06056	.65007
1.495	2.008	1.13264	1.28651	1.15978	1.07317	.72754	1.03390	1.18126	1.08032	1.03814	.62412
1.495	3.014	1.16294	1.30568	1.18442	1.09915	.75296	1.01982	1.15918	1.05595	1.01536	.60025
1.495	4.021	1.19414	1.32600	1.20894	1.12576	.77882	1.00369	1.13730	1.03139	.99271	.57611
GRADIENT		.02247	.02035	.02478	.02427	.02503	-.02228	-.02087	-.02255	-.02136	-.02483

IA310 (AEDC 16TF-783) REPEAT RUNS

(SCMO71) (03 OCT 91)

PARAMETRIC DATA

MACH		BETA		CPR		CPC7		CPC8		CPC9		CPO3		CPL		CPC10		CPC11		CPC12		CPO4	
1.521	-3.999	.80963	1.15911	1.00378	.92385	.57897	1.01121	1.30026	1.20867	1.16116													
1.520	-2.965	.78871	1.18408	1.02928	.94852	.60144	.94172	1.27940	1.18498	1.13806													
1.521	-1.963	.79368	1.20807	1.05467	.97367	.62589	.89271	1.26345	1.16444	1.11852													
1.521	-.950	.98017	1.19376	1.08679	1.00095	.65129	1.00834	1.25684	1.14595	1.09697													
1.520	-.145	1.04254	1.23848	1.10860	1.01901	.67127	1.04425	1.19384	1.12965	1.07815													
1.521	.973	.89126	1.27641	1.12707	1.04012	.69653	.84227	1.18532	1.09625	1.05240													
1.521	2.008	.90380	1.28483	1.15261	1.06665	.72388	.79400	1.17589	1.07334	1.03300													
1.521	3.015	.95657	1.30106	1.17643	1.09106	.74894	.78982	1.15387	1.04936	1.01089													
1.520	4.021	1.02527	1.32015	1.20139	1.11816	.77516	.80628	1.13271	1.02567	.98947													
	GRADIENT	.02470	.02053	.02450	.02388	.02452	-.02769	-.02151	-.02290	-.02144													

ALPHA = .000 PHI = 180.000

RUN NO. 1690/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH		BETA		CPR		CPC7		CPC8		CPC9		CPO3		CPL		CPC10		CPC11		CPC12		CPO4	
1.544	-3.994	.74434	1.08604	.98734	.91221	.57845	.91042	1.31574	1.20531	1.15816													
1.544	-2.970	.86074	1.06384	1.01815	.94109	.60084	.96340	1.33778	1.18560	1.13744													
1.543	-1.963	.90652	1.08517	1.05172	.96764	.62308	.97061	1.30618	1.16782	1.11678													
1.544	-.955	.93653	1.12791	1.08367	.99305	.64717	.96829	1.21739	1.14891	1.09476													
1.544	.100	.95266	1.20306	1.11119	1.01727	.67154	.95265	1.12556	1.12302	1.06807													
1.544	.984	.95717	1.29159	1.12810	1.03548	.69405	.92962	1.08966	1.09842	1.04710													
1.544	2.015	.95588	1.34866	1.14953	1.06022	.71996	.88795	1.06200	1.06156	1.01663													
1.544	3.013	.93832	1.33761	1.17021	1.08434	.74445	.83105	1.05116	1.02751	.98749													
1.543	4.013	.88027	1.32317	1.18908	1.10553	.76982	.72310	1.09020	1.00825	.97035													
	GRADIENT	.01506	.04102	.02512	.02390	.02400	-.02246	-.03973	-.02546	-.02420													

RUN NO. 1683/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

